Table of Contents

DIGITAL OBJECT-BASED LEARNING WITH NISHIKI-E ARTWORKS FOR CROSS-DISCIPLINARY LEARNING IN HIGHER EDUCATION 1
S. Tanabashi

STEP FORWARD WITH FOOTT PRINTTS: YOUR COMPANION IN TEACHER TRAINING 6
C. Rudloff, A. Kapsalis, C. Gesierich, A. Efstathiades

APPROACHES AND TECHNOLOGIES FOR PERSONALIZING CULTURAL HERITAGE CONTENT 14
A. Nikolova, V. Georgiev, E. Mitreva

AUTOMATED GENERATION AND EVALUATION OF VOCABULARY TESTS: A LARGE LANGUAGE MODEL APPROACH 21
A. Nakanishi

ADVANTAGES OF GENERATIVE AI TO STIMULATE STUDENT ENGAGEMENT AND ETHICAL CONCERNS IN THE CLASSROOM 30
L. Vargas-Mendoza, J. Aguirre-Aguilar, S. Quintana

PIONEERING COMPUTER SCIENCE EDUCATION IN AUSTRIA: A PRACTICAL REPORT ON CURRICULUM DEVELOPMENT 38
C. Hörmann, L. Kuka, M. Unterweger, B. Sabitzer

VISUALISING LEARNING: FACILITATING HYBRID LEARNING USING A VISUALIZER 45
A. Johnstone

THEORETICAL FOUNDATIONS OF CORPORATE SOCIAL RESPONSIBILITY AND EXAMINATION IN TERMS OF EDUCATIONAL ORGANIZATIONS 49
F. Nayir

COMPARISON OF INNOVATION COMPETENCE IN EDUCATION SCIENCES: A CULTURAL CAPITAL PERSPECTIVE FROM LATVIA 50
A. Oļesika, Z. Rubene

NAVIGATING THE INTEGRATION OF GENERATIVE AI IN HIGHER EDUCATION: BALANCING INNOVATION WITH PROFESSIONAL INTEGRITY 51
N. Weimann-Sandig

LEANING INTO AI IN SOUTH AFRICAN LEGAL EDUCATION: BENEFITS, OPPORTUNITIES AND CHALLENGES 59
L. Prinsen

WIKIPEDIA AS A VALUABLE TOOL FOR PHD STUDENTS IN THE DISSEMINATION OF SCIENTIFIC KNOWLEDGE 67
E. Ramos, R.M. García-García, M. Arias-Álvarez

FOSTERING TRANSDISCIPLINARY COLLABORATION IN INDUSTRIAL DESIGN EDUCATION: A PEDAGOGICAL FRAMEWORK FOR THE DEVELOPMENT OF BIO-BASED MATERIALS 72
J. Alarcón Castro, R. Balbo, F. Alarcón

IMPLEMENTATION OF AN IN SILICO TOXICOLOGY SEMINAR 80
E. Ramos, A. Romero, A.Y. González, J.A. Morales García, J. Egea, E. Sola

AI TOOLS IN ENVIRONMENTAL EDUCATION: FACILITATING CREATIVE LEARNING ABOUT COMPLEX INTERACTION IN NATURE 84
D. Sachyani, A. Gal

IMPACT OF COLLABORATIVE HYBRID INTERNATIONAL LEARNING ON L2 LEARNERS: LEARNING OUTCOMES AND CHALLENGES 85
A. Hirano, P.B. Kanduboda

INDIGENIZING THE DISTANCE: INDIGENOUS INSTRUCTOR PERSPECTIVES' ON EMERGING TECHNOLOGY 86
D. Zuercher, P. Tauiliili, I. Yeung, J. Sanders

USING MACHINE LEARNING ALGORITHMS TO PROCESS AND TRAIN AN E-COURSE REGISTRATION DATA MODEL 91
O. Ovtšarenko

IS CHATGPT A MINDTOOL OR A PERFORMANCE SUPPORT SYSTEM? A CRITICAL EXAMINATION OF ITS ROLE IN EDUCATION 96
H. Meishar-Tal

"PARENT MEETINGS ON MY SMARTPHONE": COMMUNICATION BETWEEN TEACHERS AND PARENTS ON SOCIAL NETWORKS – WHATSAPP GROUPS AS A CASE STUDY 97
S. Traeger-Sudri, H. Rosenberg, C. Sabag-Ben Porat, H. Lowenstien

BALANCING AI ASSISTANCE WITH STUDENT AUTHORSHIP IN ACADEMIC WRITING: REFLECTIONS FROM A GREEK AND ROMAN MYTHOLOGY CLASS 98
V. Caldesi Valeri

SKILLS DEVELOPMENT PROGRAMS IN GREEK PRIMARY EDUCATION IN THE THEMATIC UNIT: CARING FOR THE ENVIRONMENT 99
D. Gkotzos

INTEGRATING SERVICE LEARNING INTO UNIVERSITY EDUCATION – CASE STUDY: SERVICE LEARNING (SL) STUDENT PROJECT "CONTACTLESS IN BUS" 104
C. Chiorean

MULTILINGUALISM AND CULTURAL UNDERSTANDING: FUTURE WORK-LIFE SKILLS THROUGH VIRTUAL LANGUAGE STUDY 115
L. Wallenius, I. Brazauskaitė-Zubavičienė, K. Mullamaa

PUTTING THE 'UNIVERSAL' INTO UNIVERSAL LECTURE CAPTURE 122
C. Byfield, K. Watts, P. Trimmer, P. Philipson, M. Macintyre

PSYCHOLOGY STUDENTS' PERCEPTION OF NEUROSCIENCE: NEUROPHOBIA, ANXIETY, AND GOAL ORIENTATION 132
S. Garcés-Arilla, C. Fidalgo, M. Mendez-Lopez, V. Hidalgo, S. Collado, A. Burgos, G. Lopez-Crespo

METHODS AND FORMS OF ASSESSMENT IN PRIMARY EDUCATION: INSIGHTS INTO THE CONTEMPORARY SCHOOL 133
M. Skutil, S. Knížová, K. Wolfová

PROMOTING THE USE OF SUSTAINABLE MATERIALS FOR ENVIRONMENTAL AWARENESS THROUGH THE CREATION OF A BIOMATERIALS DATABASE CATALOGUE 141
S. Nuere, P. Alarcó González, C. Alía García, Y. Jiménez Martínez, J. Lasa Cobo

THE IMPACT OF IMMERSION AND PRESENCE ON INFORMATION RETENTION IN VIRTUAL REALITY TRAINING: FINDINGS FROM THE DEFFINUM LEARN PROJECT 151
J.C. Sakdavong, R. Sanogo, Q. Jordahn

DEVELOPING LEARNING: A COMPARATIVE STUDY ON THE USE OF AI AND TRADITIONAL LITERATURE SEARCH METHODS IN ENHANCING CRITICAL THINKING AND INFORMATION SELECTION SKILLS 160
J. Jia

ARTIFICIAL INTELLIGENCE TECHNOLOGIES IN HIGHER EDUCATION: CHALLENGES AND OPPORTUNITIES 166
J. Lieponienė

LEARNING DIGITAL SIGNAL PROCESSING WITH AN ESCAPE ROOM 174
L. del Val, J.J. Villacorta, A. Izquierdo, J. Retortillo

DESIGN OF PARALLEL APPLICATIONS THROUGH QUANTUM CIRCUITS, NEW CONTENT FOR EDUCATION IN SUPERCOMPUTING 182
F.J. Orts

A PEDAGOGICAL APPROACH TO TEACHING QUANTUM COMPUTING IN ENGINEERING EDUCATION 190
F.J. Orts

"I2C: IS IT CLEAR?": AN ONLINE GAME-BASED APPLICATION TO FACILITATE ACADEMIC LECTURES 194
N. Nakkas, E. Papaioannou, C. Kaklamanis

"MY-XPERT": A PROGRESSIVE WEB APPLICATION EXPLOITING CROWDSENSING FOR ENABLING AN EXPERT MINING ONLINE SOCIAL COMMUNITY 204
N. Souleles, E. Papaioannou, C. Kaklamanis

NAVIGATING THE COMPLEXITIES OF SCIENCE EDUCATION: CHALLENGES AND OPPORTUNITIES 205
J. Reyna, M.R. Ariza, A. Quesada Armenteros

TEACHING AI WITH AI IN HIGHER EDUCATION – ON COURSE DESIGN AND ASSESSMENT 216
P. Mozelius

LIGHTS, CAMERA, ACTION: CREATING A PATIENT ENCOUNTER VIDEO LIBRARY FOR RADIATION ONCOLOGY STUDENT EDUCATION 223
J. Baker, M. Dehghanpour

CRITICAL THINKING AND PROBLEM-SOLVING: INSIGHTS INTO THE PERCEIVED BELIEFS OF STAFF AND STUDENTS ABOUT ASSESSMENT LITERACY AND THE MOTIVATED NEED FOR DIGITAL LITERACY 228
A. Costello, S. Telfer, N. Nahar, I. Stalker

EXPLORING THE LEADERSHIP BEHAVIOURS ENACTED DURING TEAM BASED LEARNING: AN ANALYSIS OF THE EXPERIENCES OF STUDENTS FROM AN IRISH TECHNOLOGICAL UNIVERSITY 237
D. O Hanlon

POSSIBILITIES FOR INTEGRATING TRADITIONAL AND ONLINE SCHOOL COUNSELLING 245
M. Boniel-Nissim

AN EXPLORATORY ANALYSIS OF STUDENTS' USE OF GENERATIVE ARTIFICIAL INTELLIGENCE (AI) 246
J. Reardon, D. McCorkle, M. Martin, A. Radon

THE "NOISE, RESISTANCE, AND MESSAGE" IN ARAB BILINGUALS-BILITERATES' TRANS-IDENTITY SPACE CONSTRUCTION 250
M. Alhabbash, N. Al Sheikh, N. Al Mohammedi

PEDAGOGICAL INNOVATION: INTEGRATING NEW TECHNOLOGIES IN VISUAL ARTS EDUCATION IN LOWER SECONDARY SCHOOL 251
C.M.S. Gigante

PREDICTING DYSLEXIA ACROSS DEVELOPMENT: A LONGITUDINAL STUDY OF EARLY LANGUAGE-RELATED RISK FACTORS IN HEBREW 256
R. Yinon, D. Tal, S. Shaul, Y. Kanat-Maymon, T. Katzir

DECENT WORK, MEANINGFUL LIFE: PATHWAYS TO A SUSTAINABLE FUTURE 257
J. Carneiro Pinto

ARTIFICIAL INTELLIGENCE AND MUSIC: EVOLUTION AND INTEGRATION IN UPPER SECONDARY MUSIC EDUCATION IN AUSTRIA 262
A. Pfeiffer, T. Wernbacher

ADVANCED GAMIFICATION AND AI-DRIVEN ASSESSMENTS: OPPORTUNITIES AND ETHICAL CHALLENGES IN EDUCATION 268
A. Pfeiffer, T. Wernbacher, M. Wawra, S. Bezzina, A. Dingli

ONE HEALTH ACADEMIC RESEARCH PROJECT – SCIENCE POPULARIZATION AND PUBLIC OUTREACH ACTIVITIES 272
D. Vankova, P. Boncheva, S. Mihaylova, Z. Radkova, N. Mihaylova, P. Vankov, N. Feschieva

THEMATIC ANALYSIS OF TEACHER SELF-EFFICACY: TRENDS AND APPROACHES IN EDUCATIONAL RESEARCH (2020-2024) 278
A. Izquierdo, R. Gilar-Corbí, J.L. Castejón

ARCHETYPING INTEGRATIVE MEDICINE PROGRAMMES: EDUCATIONAL RESEARCH AND REGULATIONS 279
D. Vankova

EXPLORING INDIVIDUAL EXPERIENCES OF DYSLEXIA-RELATED STIGMA AND COPING DURING THE COVID-19 PANDEMIC 285
A. Bishop, A. Cunningham, C. Marshall, R. Larkin

PROTEUS - PROMOTING SUCCESS IN UNIVERSITY: PROJECT PRESENTATION 286
J. Carneiro Pinto, S. Costa-Ramalho, C. Branquinho

E-LEARNING TO INCREASE SELF-AWARENESS AND INTERCULTURAL COMPETENCE 290
B. Young, D. Snead

PSYCHOLOGICAL SUPPORT FOR SECURE BASE FOR LEARNERS FROM INSECURE ATTACHMENTS IN SOUTH AFRICAN SCHOOLS 291
M.N. Mahlangu, P. Aloka

PROMOTING THE JIGSAW METHOD IN TEACHING 299
G. Nikolova, D. Vankova, P. Vankov

COMPARING CIRCUIT SIMULATION TOOLS IN AN INVERTED APPROACH OF THE ELECTRONICS LABORATORY AT UNIVERSITY 304
D. Valiente, F. Rodríguez-Mas, A. Ortega, M. Flores, A. Ruiz, A. Hortal, A. Peidró

BALANCING ACADEMIC RIGOUR AND INDUSTRY RELEVANCE ON PROFESSIONAL AND EXECUTIVE EDUCATION PROGRAMMES 305
A. Clarke

INCORPORATING THE UNIVERSAL DESIGN FOR LEARNING IN ACTIVE TEACHING/LEARNING AND EVALUATION STRATEGIES IN ANALYTICAL CHEMISTRY SUBJECTS TO IMPROVE PROFESSIONAL SKILLS 314
C. Pérez-Ràfols, J. Bastos-Arrieta, X. Subirats, N. Serrano, J.M. Díaz-Cruz, O. Núñez

GENERATIVE AI TOOLS IN HIGHER EDUCATION: A CASE STUDY OF STUDENT USAGE AT A SMALL LIBERAL ARTS COLLEGE 315
C. Del Gobbo, M. Birkenkrahe

ACADEMIC IMPACT OF PARENT WITHDRAWAL FROM ENGLISH LANGUAGE DEVELOPMENT SERVICE 325
H. Kim

LECTURER'S EYE-TRACKING IN A LANGUAGE DIDACTICS SEMINAR AS AN OPPORTUNITY FOR STUDENT INCLUSION 330
A. Šimkienė

FROM GAMES TO COMMUNICATION COMPETENCE: A SYSTEMATIC REVIEW OF THE RESEARCH ON THE IMPACT OF SERIOUS GAMES IN HIGHER EDUCATION 331
S. Álvarez-García, S. Gómez-García, A. Castellet-Homet, M.C. Gálvez-de-la-Cuesta, M.C. Gertrudis-Casado, S. Mena-Muñoz, N. Navarro-Sierra, G. Sánchez-Muñoz, D. Varona-Aramburu, J. Rodríguez-Moreno, L. Montilla-Rodríguez

SERIOUS GAMES IN MEDIA LITERACY: A TOOL FOR TRAINING IN COMMUNICATION AND SOCIAL RESPONSIBILITY 337
S. Álvarez-García, S. Gómez García, A. Castellet-Homet, S. Mena-Muñoz, M. Gálvez-de-la-Cuesta

MODEL OF VISUAL ART EDUCATION FOR PERSONS WITH BLINDNESS 343
E. Śmiechowska-Petrovskij

STUDENT SATISFACTION WITH FEEDBACK AND EVALUATION IN ONLINE DISCUSSION ACTIVITIES USING LEARNING ANALYTICS 344
T. Romeu Fontanillas, J.L. Cánovas Izquierdo, M. Guitert Catasús, J.P. Cerro Martínez, M. Sabadell i Bosch, A. Meseguer Artola

FROM EQUATION TO EXPLANATION: LEVERAGING LARGE LANGUAGE MODELS FOR INTERACTIVE MATH EDUCATION 353
J. Izquierdo-Domenech, C. Aliaga-Torro, I. Ferri-Molla, J. Linares-Pellicer

EVALUATING THE EFFECTIVENESS OF CASH AND VOUCHER ASSISTANCE (CVA) IN SCHOOL PARTICIPATION AMONG ADOLESCENT GIRLS IN NORTHEAST NIGERIA 359
C.R. Effiom, H.M.O. Idiong, C. Usie

DEEPER LEARNING THROUGH PEDAGOGICAL LEARNING DESIGN 368
S. Ruhalahti

CONSISTENCY AND ORIGINALITY IN GENERATIVE ARTIFICIAL INTELLIGENCE (GEN AI) OUTPUT IN HIGHER EDUCATION INSTITUTIONS (HEIS): CAN WE TRUST IT? 375
L. Zizka

MODERN METHODS WITH EFFECTIVE IMPACT IN THE MANAGEMENT OF CONFLICTS IN THE SCHOOL ORGANIZATION 383
V.A. Enachescu

RE-DEFINING LEARNING IMPACT 393
P. Hunter

SELECTED DETERMINANTS OF PARENTAL INVOLVEMENT IN DEVELOPING CHILDREN'S LANGUAGE AND READING SKILLS. EMPIRICAL GUIDELINES FOR DESIGNING ACTIVITIES SUPPORTING HOME LITERACY ENVIRONMENTS 394
K. Kuracki

IN THEIR OWN WORDS: HOW STUDENT RETENTION OFFICERS VIEW THE EFFECTIVENESS OF RETENTION POLICIES IN THE AMERICAN HIGHER EDUCATION SYSTEM 395
A. Khalil

ADAPTING TO CHANGING TIMES AND NEW REALITIES: SUPPORTING FUTURE TEACHERS AMID THE ONGOING TEACHER CRISIS 396
D. Romero, A. Romero de la Torre

REDUCING TEACHER ATTRITION: UNDERSTANDING NEWLY QUALIFIED TEACHERS' NEEDS IN EUROPE WITH RESPONSES AND SUPPORT FROM DIGITAL TECHNOLOGIES 401
T.A. Prola

DIGITAL VULNERABILITY AND COMMUNITY OF BELONGING IN DIGITAL SOCIAL NETWORKS: PRACTICES AND SUPPORTS FOR YOUTH AUTONOMY 402
T.A. Prola

EDUCATIONAL DETERMINANTS OF DEMOGRAPHIC DEVELOPMENTS: DRAWING THE COMMUNITY PROFILE OF BURGAS, BULGARIA 403
D. Vankova, G. Nikolova, Y. Benova-Ananieva, P. Vankov

STUDENT TEACHER MENTORSHIP DURING WORK INTEGRATED LEARNING: INSIGHTS FROM PRE-SERVICE STUDENT TEACHERS 408
N. Moodley

CHALLENGES OF INFORMATION AND COMMUNICATION TECHNOLOGY INTEGRATION ON CURRICULUM DELIVERY IN SOUTH AFRICAN SCHOOLS 414
N. Moodley, H. Ditta

DESIGN STUDENTS' UNDERSTANDING OF THE STUDIO REVIEW PROCESS 424
D. Bender

EMPOWERING EFL TEACHERS THROUGH DIGITAL TRAINING: ENHANCING LANGUAGE ASSESSMENT LITERACY FOR SECONDARY SCHOOL EDUCATORS 425
A. Ozcan, Z. Kocoglu

ENSURING STUDENT WELLBEING BY CREATING A POSITIVE TEACHING AND LEARNING ENVIRONMENT 426
A. Fernandez, G. Shaw

SEGMENTATION AND CONTINUOUS FEEDBACK: KEYS TO IMPROVING THE QUALITY OF MASTER'S THESES 427
A. Castrechini Trotta, I. Armadans Tremolosa, C. Alvarado Álvarez, I. Pellicer Cardona

HARNESSING ARTIFICIAL INTELLIGENCE TO TRANSFORM EDUCATION: FROM STATIC TEXTS TO DYNAMIC, INTERACTIVE LEARNING DIALOGUES 436
C. Aliaga-Torro, J. Linares-Pellicer, I. Ferri-Molla, J. Izquierdo-Domenech

STANDARDISATION OR PERSONALISATION OF LEARNING CONTENT: WHICH STRATEGY MAKES MORE SENSE WHEN CREATING LEARNING CONTENT FOR LMS? 442
D. Lukac, H. Akter

PLAY-DOH WITHOUT PIXELS: ARTIFICIAL INTELLIGENCE IN SWEDISH PRESCHOOL TEACHER EDUCATION PROGRAMMES 451
L. Ljungcrantz, P. Mozelius, J. Jaldemark

IMPACT OF DYSFUNCTIONAL FAMILY DYNAMICS ON STUDENT ACADEMIC PERFORMANCE: CHALLENGES AND INTERVENTIONS 459
J. Sanchez

STRATEGIES FOR CREATING EQUITABLE AND INCLUSIVE HIGHER EDUCATION LEARNING ENVIRONMENTS 466
B. Refaei, R. Kumar

ARTIFICIAL INTELLIGENCE IN THE CLASSROOM: NEW SCENARIOS FOR RISK ASSESSMENT 467
J.C. Muria-Tarazón, J.V. Oltra Gutiérrez

EMPOWERING STUDENTS: SHOULD IT CERTIFICATIONS BE PART OF THE CURRICULUM? 472
J. Quan

DEVELOPMENT OF A SENSOR-INTEGRATED INFANT MANNEQUIN AND VISUALIZATION SYSTEM FOR INFANT CARE PRACTICE 477
T. Toriyama, A. Urashima, J. Wakase, T. Terai, S. Takagi, Y. Matsumoto, Y. Minagawa, T. Kobayashi

MULTIPLE IDENTITIES: THE IMPACT OF ACADEMIC STUDIES ON EARLY CHILDHOOD TEACHERS' PERSONAL AND PROFESSIONAL IDENTITY 484
Y. Shany

RUSKIN MODULES: INTRODUCING INTERDISCIPLINARY BREADTH MODULES 488
M. Warnes, S. Pratt-Adams, E. Brown

EXPLORING THE CHALLENGES OF MULTICULTURALISM IN THE CONTEXT OF DEMOCRATIC EDUCATION 498
K. Spridzane, O. Astratova, Z. Rubene

SMART DIVERSITY-EQUITY-INCLUSION PLAN FOR HELIOSTAT SOLAR ENERGY COMMUNITY 499
D. Kim

CRACKING THE CITATION CODE: A FUN DIVE INTO IN-TEXT CITATION PRACTICES AMONG OMANI UNDERGRADUATES WITH LAWSHE'S VALIDITY WIZARDRY 504
F. Al-Dhahli, J. Issa

NATIONAL OVERVIEW OF THE SEXUAL DIVISION OF LABOR IN FEDERAL INSTITUTES OF EDUCATION, SCIENCE AND TECHNOLOGY IN BRAZIL 516
A.V. Moreira Santana Martins, F.M. Coelho Borges Cardoso, M.T. Martínez-Fernández, M. de Moraes Sousa

FACTORS ASSOCIATED WITH GENDER AND POWER IN FEDERAL INSTITUTES OF SCIENCE AND TECHNOLOGY EDUCATION OF GOIÁS 517
E.A. da Silva, F.M. Coelho Borges Cardoso, M. Matos Torres, M. de Moraes Sousa

EXPLORING THE IMPACT OF A BOOK REVIEW TASK ON PRE-SERVICE TEACHERS' READING PRACTICES AND FUTURE TEACHING OF CHILDREN'S LITERATURE 518
S.A. Nkomo

ANALYZING TECHNOLOGY USE IN MATHEMATICS INSTRUCTION: A STUDY USING THE SFCP FRAMEWORK 527
A. Lipovec

CURRICULUM DESIGN: MULTIDISCIPLINARY ONLINE DEGREE STUDIES 537
K. Brusila-Meltovaara, L. Heikinheimo, S. Sore

"PROJECTE NATURA": STRATEGIES IN THE CLASSROOM TO IMPROVE THE PERCEPTION OF INSECTS IN SOCIETY 543
I. Cardona-Ibáñez, I. García-Robles, M.T. Martínez-Pastor, I. Quilis, R. Ibáñez-Alcocer, M. Ferrer-Suay

TRAINING AND DEVELOPMENT PROGRAM FOR DIGITAL TEACHING COMPETENCE OF UNIVERSITY TEACHERS: THE CASE OF THE BLANQUERNA FACULTY OF PSYCHOLOGY, EDUCATIONAL SCIENCES AND SPORTS SCIENCES (RAMON LLULL UNIVERSITY) 547
E.S. Ojando, J. Simon, M.A. Prats, X. Àvila

UNLOCKING THE SECRETS OF HEXAPODS: GAMIFIED APP TOOLS FOR IMPROVED MORPHOLOGY STUDIES IN HIGHER EDUCATION 548
M. Gregori, J. Abella, M. Ferrer-Suay, A. Martínez-Orti, M.G. Nieto, V. Blasco, J. Pérez, G. Pérez De Lanuza, M.H. Cornejo-Rodríguez, A. Lazaro, J. Selfa Arlandis, G.A. Vera

INCORPORATING REAL INDUSTRY CASES AS A TEACHING AND LEARNING TOOL IN THE MASS AND ENERGY BALANCE COURSE OFFERED IN AN ENGINEERING UNDERGRADUATE PROGRAM 555
E. de Jesus Cândido Moraes, J. Antônio Conti Silva

THE RELEVANCE OF ENTREPRENEURSHIP AND LIFE PROJECT COURSES IN THE PREPARATION OF HIGH SCHOOL AND TECHNICAL STUDENTS FOR ENTRY INTO HIGHER EDUCATION: THE CAREER FAIR PROJECT 561
E. de Jesus Cândido Moraes, M. Aires Corrêa da Silva

INSIGHTS AND LESSONS FROM USING THE EARLY GRADE READING ASSESSMENT TOOL WITH FOUNDATION PHASE ENGLISH FIRST ADDITIONAL LANGUAGE LEARNERS 566
S.A. Nkomo, A. Carrim

PHYSICAL SCIENCE SUBJECT ADVISORS' PERSPECTIVES ON THEIR ROLES TO IMPROVE COMPETENCIES OF TEACHERS FROM PREVIOUSLY DISADVANTAGED SCHOOLS 573
M.M. Stephen, E. Nyamupangedengu

THE ROLE OF TEACHER DEVELOPMENT WORKSHOPS IN THE TEACHING OF PHYSICAL SCIENCE FOR NOVICE AND OUT-OF-FIELD TEACHERS: A CASE OF PREVIOUSLY DISADVANTAGED SCHOOLS 582
M.M. Stephen, P. Zuma

CSI: CASE STUDY INVESTIGATION – INTERDISCIPLINARY LEARNING IN THE VIRTUAL CLINIC 589
J. Baker, M. Sizemore, M. Phillips, K. Hoggatt Krumwiede

IMPLEMENTATION OF A THEORY ASSESSMENT SYSTEM BASED ON CBM METHODOLOGY USING AI-GENERATED TESTS 595
F. Escalona, F. Gomez-Donoso, M. Cazorla, E. Martinez-Martin, D. Viejo-Hernando, H. Penades-Migallon, A. Belmonte-Baeza, A. Lopez-Sellers, D. Martinez-Miranzo

TACKLING THE STEM CRISIS: MAKING STEM EXCITING AND EASING STUDENTS' FEARS 602
S. Gaisser, A. Knoblauch, S. Reimann, A. Martin

NON-MUSICIANS WITH HIGH MUSIC PERCEPTION AS A DISTINCT CATEGORY IN VISUOSPATIAL AND SURGICAL SKILL ASSESSMENT 610
S. Jadhav, S. Sawant, S. Dundage, A. Arunprasad, M. Ambike

SLOVENIAN INTERACTIVE OPEN ACCESS TEXTBOOKS FOR MATHEMATICS 611
J. Ferme

DEVELOPMENT AND AUTOMATION OF A DATA-DRIVEN GRADING ANALYTICS FRAMEWORK FOR THE IMPROVEMENT OF THE CURRICULUM OF HIGHER EDUCATION PROGRAMS 621
A. Bartha

ESCAPING THE MEMBRANE: AN INNOVATIVE LABORATORY-BASED ESCAPE ROOM DESIGN FOR ENHANCED MOTIVATION AND LEARNING OF DIFFUSION POTENTIAL IN PHYSIOLOGY 622
J. Olloquequi, R. Martin-Venegas, T. Cambras, M.C. Moran, M.P. Vinardell, R. Ferrer, A.S. Maddaleno, J. del Valle, M.J. Rodríguez-Lagunas, M.E. Juan, M. Mitjans

PRODUCTION OF MINI-VIDEOS PILLS FOR THE 'ILARGI' STEAM PROJECT TO REPLICATE IT IN SCHOOLS WITH THE SUPPORT OF UNIVERSITY PROFESSIONALS 630
A. Picallo-Perez, J. Aldasoro, A. Lasa, P. Sarriugarte

THE FLIPPED CLASSROOM: ALTERNATE DELIVERY FOR INCREASED STUDENT LEARNING, ENGAGEMENT AND CONNECTION 631
T. Sherrow

BACK TO BASIC: HOW A RETURN TO BASIC DESIGN CAN CONTRIBUTE TO THE TRAINING OF DESIGNERS IN VISUAL COMMUNICATION 632
R. Angari

THE SYNERGY BETWEEN FLIPPED CLASSROOM AND PROJECT-BASED LEARNING: A NEW PERSPECTIVE IN DIGITAL ELECTRONICS EDUCATION 638
R.M. García Salvador, N. Novas Castellano, M. Fernández Ros, F. Portillo Rodriguez, F. Segura Pardo, L. Poyatos Marzo, E. Viciana, J.A. Gázquez Parra

ANALYSIS OF THE IMPACT OF ARTIFICIAL INTELLIGENCE ON DIGITAL COMPETENCE AND PERSONAL HOBBIES: A STUDY IN THE UNIVERSITY COMMUNITY 646
E. Gamero-Sandemetrio, I. López Secanell, E. López Requena

ANALYSING THE INFLUENCE OF FINANCIAL KNOWLEDGE AND PARENTAL FINANCIAL LITERACY ON UNDERGRADUATES' OWN PERCEPTIONS OF THEIR FINANCIAL CAPABILITIES 656
R. Martínez-Alonso, M.J. Martínez-Romero, A. Molina-García, M.D. López-Subires

FROM ERRORS TO LEARNING: A FORMATIVE APPROACH IN TECHNICAL EDUCATION 657
R.M. García Salvador, N. Novas Castellano, F. Portillo Rodriguez, M. Fernández Ros, F. Segura Pardo, E. Viciana, L. Poyatos Marzo, J.A. Gázquez Parra

GAME ON! HOW ESCAPE ROOMS IMPROVE UNIVERSITY STUDENT SATISFACTION AND ACADEMIC OUTCOMES 664
A.J. Carrasco-Hernández, G. Lozano-Reina, M.E. Lucas-Pérez, G. Sánchez-Marín

THE ARTIFICIAL INTELLIGENCE APPLIED TO THE LEARNING PROCESS: A SWOT MATRIX AND STUDENTS' PERCEPTION ANALYSIS 665
A. Cambria, C. Cambria

SHARING EDUCATIONAL CONTENT: CONCEPT AND IMPLEMENTATION 674
N. Scerbakov, V. Pak

CASE-BASED LEARNING: FROM CONCEPT TO PRACTICAL IMPLEMENTATION 679
N. Scerbakov, V. Pak

THE DANCECARE PROJECT: AN EDUCATIONAL PROGRAMME COMBINING DANCE MOVEMENT THERAPY, WISE MOTION AND E-LEARNING TO IMPROVE THE PSYCHOLOGICAL WELL-BEING OF LONG-TERM CARERS 684
M. Fernández Salido, S. Martínez Molina, S. Santini, P. Kassidakis, H. Poikonen, S. Pitoglou, M. van Houten, F. Galassi

DECALOGUE FOR OPTIMIZING POWERPOINT PRESENTATIONS TO ENGAGE STUDENTS IN UNIVERSITY THERMODYNAMICS COURSES 692
A. Picallo-Perez, P. Sarriugarte

IMPLEMENTATION OF COMPUTATIONAL THINKING IN THE CLASSROOM: PERSPECTIVES FROM INITIAL TEACHER TRAINING 693
N. Minuzi, T. Romeu Fontanillas, M. Guitert Catasús, A. Sonego, P. Behar

DESIGN CRITIQUE AS UNIVERSAL PEDAGOGY: REIMAGINING PROCESS-CENTRIC INSTRUCTION FOR THE AGE OF GENERATIVE AI 699
M. Wagner

REDEFINING CRITICAL SKILLS FOR CONTEMPORARY EDUCATION: A MULTIMODAL FRAMEWORK FOR NAVIGATING COMPLEX INFORMATION LANDSCAPES 708
M. Wagner

NAVIGATING THE SIMULATION-BASED LEARNING JOURNEY IN HEALTHCARE EDUCATION: ADDRESSING STUDENT ENGAGEMENT AND BARRIERS 717
S. Canning, D. Prescott

LESSONS FOR LEADERS AND EDUCATORS: AN EXPLORATION INTO THE AFFORDANCES AND CONSTRAINTS OF INCLUSIVE PRACTICES IN SOUTH AFRICAN INDEPENDENT SCHOOLS 722
D. Andrews, A. Maal

LEADING AND MANAGING COMPLEXITY IN SOUTH AFRICAN MUSLIM SCHOOLS: A PEDAGOGICAL RESPONSIVENESS PERSPECTIVE 733
D. Andrews, U. Kathrada

INCREASING THE INTEREST OF SCHOOL-AGE CHILDREN IN SCIENCE AT THE CHILDREN'S UNIVERSITY 744
P. Hockicko, G. Tarjányiová

TOWARDS A NEW PARADIGM OF STEAM IN PRIMARY EDUCATION AS A 21ST CENTURY SKILL 750
S.A. Khan, M.A. Nadim, G. Poletti

COMPARING THE EFFECTS OF TWO INSTRUCTIONAL INTERVENTIONS BASED ON SYSTEMATIC EXPLICIT INSTRUCTION IN TEACHING THE CONCEPTS OF POINTS, LINE SEGMENTS AND ANGLES TO STUDENTS WITH SPECIFIC LEARNING DISABILITIES 759
M. Papadam, I. Agaliotis

EXPLORING PHYSICIAN ASSISTANT STUDENTS' VIEWS ON TECHNOLOGY AND AUGMENTED REALITY: IMPLICATIONS FOR INTERPROFESSIONAL EDUCATION AND COLLABORATION 767
Y. Piller, B. Tran, R. Dorough

ALGEBRAIC REASONING AND MATHEMATICAL TALENT: A CASE STUDY 775
M. Burgos, D. Lastra

ARGUMENTATIVE STRATEGIES OF UNIVERSITY STUDENTS: REMEMBERING ARITHMETIC PROPERTIES 784
B. Milanesio, M. Burgos

OPTIMIZING LANGUAGE ANALYSIS: A COMPARATIVE STUDY OF ADVANCED DIGITAL TOOLS IN TEACHER TRAINING CONTEXTS 794
K. Florou

REFINING A MODEL FOR EARLY CHILDHOOD SUSTAINABILITY EDUCATION: INTEGRATING ACADEMIC KNOWLEDGE AND PRACTICAL EXPERIENCE 799
E. Nahon-Crystal, R. Herscu-Kluska, S. Pe'er

UNDERSTANDING LARGE LANGUAGE MODELS: A PRACTICAL APPROACH FOR SECONDARY STUDENTS TO LEARN AND CRITICALLY EVALUATE AI LANGUAGE TOOLS 807
G. Monrós-Andreu, R. Martínez-Cuenca, S. Torró, S. Chiva

FOSTERING STUDENT WELL-BEING IN HIGHER EDUCATION: INSIGHTS FROM REFLECTIVE PRACTICES IN A DIVERSITY COURSE 811
K. Olsen

EMPOWERING EDUCATION: HOW TECHNOLOGY TRANSFORMS TEACHING INTO MEANINGFUL LEARNING EXPERIENCES 815
J. Sanchez

GREEN TRANSITION IN VOCATIONAL EDUCATION – THE AUSTRIAN WAY 820
W. Pachatz, R. Bernsteiner, A. Probst, C. Ploder

POST-SECONDARY EDUCATION IN CYBER SECURITY: UPDATING THE END-USER EXPERIENCE 828
D. Anderson, K. Reimers

DERIVING A LITERATURE-BASED RISK-IMPACT MATRIX FOR ARTIFICIAL INTELLIGENCE IN HIGHER EDUCATION: A FOCUS ON CHALLENGES AND FUTURE DIRECTIONS 838
E. Safiulina, O. Labanova, A. Uukkivi, B. Petjärv, M. Vilms

USING GENERATIVE AI TO PERSONALIZE TEACHING AND LEARNING IN HIGHER EDUCATION CONTEXTS 842
N. Dabbagh

OPTIMIZING THE ROLE OF AI IN LITERATURE REVIEW AI: OPPORTUNITIES AND RISKS OF ACADEMIC MISCONDUCT 843
S. Zhou

BREAKOUT AS A STRATEGY TO FOSTER TECHNOLOGICAL VOCATIONS IN PRIMARY SCHOOL: THE ENIGMA OF HEDY LAMARR 850
N. Merayo, L. del Val, P. Fernández

LIFELONG LEARNING AND CONTINUOUS TRAINING AS REMOTE WORK REQUIREMENTS 857
I. Hamburg

CERTIFICA + EQI PROJECT, A PARTNERSHIP BETWEEN THE COMPANY EQI INVESTIMENTOS AND INSTITUTO CRESCER TO DEVELOP A PROFESSIONAL QUALIFICATION COURSE FOR BRAZILIAN YOUNG PEOPLE AND ADOLESCENTS 865
J. Bondicz, S.M.V. dos Santos Muniz, M.L. dos Santos Borges, A. Caregnato

EMBARCA AÍ PROJECT: PROFESSIONAL QUALIFICATION COURSE FOR YOUNG BRAZILIANS – A PARTNERSHIP BETWEEN INSTITUTO PORTONAVE AND INSTITUTO CRESCER 866
J. Bondicz, M.L. dos Santos Borges, A. Caregnato, M. Inácio, R.A. Marques, C.A. Costa, S.R. Machado da Silva

THE INFLUENCE OF LEARNERS' PERSONAL CAPABILITIES ON CAREER DECISION-MAKING IN SOCIO-ECONOMICALLY CHALLENGED COMMUNITIES 867
O. Ajayi

ANALYSIS OF UNIVERSITY TEACHING IN ENGLISH: CHALLENGES AND CHARACTERISTICS IN MULTILINGUAL ENVIRONMENTS 873
J. G. Borràs, C. Lerma, J. Vercher

SHAPING TOMORROW'S CAREERS WITH A 3D MODEL OF DECENT, DIGITAL AND DIVERSE WORK INSIGHTS FROM A WORKSHOP WITH BUSINESS STUDENTS 881
P. Hauptfeld-Goellner

XR4HEALTH – A DIGITAL PLATFORM FOR ENHANCED XR-TRAINING TOOLS FOR NURSES 889
G. Aerts, A. Wanzeele

MEETING THE NEED: ASCERTAINING THE VALUE AND EXPERIENCES OF A BLENDED PLACEMENT-BASED LEARNING MODEL INTRODUCED IN RESPONSE TO CLINICAL PLACEMENT SHORTAGES 890
D. Prescott, V. Barnes Brown

PROBLEM-BASED METHODOLOGY: FIRST STEPS FOR TEACHERS 891
O. Diaz, A. Figueira, E. Segredo-Morales, E. González

THE IMPACT OF THE PROBLEM-BASED METHODOLOGY ON THE PROFESSIONAL PRACTICE OF THE STUDENTS 895
O. Diaz, A. Figueira, E. Segredo-Morales, E. González

CHANGING THE TEACHING BEHAVIORS OF ELEMENTARY MATHEMATICS PRESERVICE TEACHERS THROUGH ASYNCHRONOUS TRAINING AND EMAIL SPECIFIC PERFORMANCE FEEDBACK 899
K. Byrd, A. Allday

EDUCATIONAL INNOVATION FOR GENERATION Z: LEARN ON THE MOVE PROJECT 900
D. Garcia

RE-PURPOSING COMPUTERS IN A VET INSTITUTION 905
D. Debono, L. Spiteri

TOGETHER TOWARDS CARBON NEUTRAL TOURISM – BEST PRACTICES 915
L. Wallenius

UNIVERSITY PODCAST TO FACILITATE STUDENTS' ACCESS TO INFORMATION OF INTEREST 924
J.C. Alfaro, P. Bermejo, A. Bermúdez, T. Olivares

BLENDED TEACHING - HOW TO PREPARE FACULTY MEMBERS FOR BLENDED LEARNING SCENARIOS 930
G. Probst, N. Sarrasin, L. Zizka

EDUCATION, RESEARCH AND GLOBALIZATION 938
T. Ichim

IMPROVING STUDENT ENGAGEMENT AND GRADUATION RATES: THE INTEGRATION OF BUSINESS SIMULATION GAMES IN FINAL-YEAR PROJECTS 946
J. Ribal, X. Garcia-Marimon, E. Guijarro

INTEGRATING ARTIFICIAL INTELLIGENCE AND COLLABORATIVE NETWORKS IN EDUCATION: THE SMART MINDS FORUM INITIATIVE 952
D. Garcia

PROJECT RSO: RECLAIMING SUBJECTIVE OBJECTIVITY OF VISUAL LITERACY 957
N. Topelberg, J. Ventura, G. Gaon

UNPACKING PLURALISM IN SUSTAINABLE ECONOMICS EDUCATION: A BIBLIOMETRIC ANALYSIS OF PEDAGOGICAL APPROACHES AND OUTCOMES 963
J.N. Obi, E. Ojo

THE INTEGRATION AND CONTRIBUTION OF INDIGENOUS KNOWLEDGE IN GEOGRAPHY EDUCATION: A SYSTEMATIC REVIEW 975
T. Masekela, M. Thenga

TRANSFORMING HIGHER EDUCATION IN SUB-SAHARAN AFRICA THROUGH ARTIFICIAL INTELLIGENCE: A SCOPING REVIEW 983
J.N. Obi, E. Ojo

MAPPING PLACE-BASED EDUCATION IN GEOGRAPHY 990
M. Thenga

STUDYING MATHS WITH A.I.: A TROUBLE LIAISON FOR BLIND STUDENTS 998
F. Corsi

OPENING DOORS TO THE DIGITAL FUTURE: A COMPUTER SCIENCE EXPERIENCE FOR 5-YEAR-OLD CHILDREN 1007
R. Carratalá-Sáez, S. Catalán

FAMILY AND STATE INTERVENTION IN YOUNG PEOPLE'S GAMING BEHAVIOURS AND RELATIONSHIP 1014
D. Wang

MANAGING PROBLEM BEHAVIORS: A CHALLENGE TO TEACHER EFFECTIVENESS? 1021
F. Corsi

LEADERSHIP CAPACITIES FOR CREATIVE AND COMPETITIVE SCHOOLS: EXPERT INSIGHTS 1029
F. Abunaser

PRACTICAL EXAMPLES OF NON-PROGRAMMATIC AI EDUCATION USING MACHINE LEARNING SERVICES 1030
Y. Miyamoto

STRATEGIES FOR ENHANCING PARENTAL INVOLVEMENT IN ENGLISH FAL LEARNING ACTIVITIES IN RURAL SOUTH AFRICAN SCHOOLS: A SYSTEMATIC LITERATURE REVIEW 1036
G. Ndebele, M. Mokoena

CO-CREATION OF AN ONLINE DESIGN THINKING TOOLKIT FOR SECONDARY SCHOOL TEACHERS BASED ON THE PLANET METAPHOR 1047
B. Malengier, M. Örnekoğlu Selçuk, K. Strubbe, I. Mariën, L. Van Langenhove

OPPORTUNITIES FOR UPDATING TEACHERS' DIGITAL COMPETENCE AMONG SECONDARY SCHOOL EDUCATORS WITHIN THE ANALYTICAL FRAMEWORK OF LEARNING ECOLOGIES 1048
P. Pardo Todolí, M. Guitert Catasús, T. Romeu Fontanillas

PERCEPTION OF FOREIGN LANGUAGE LEARNING MOBILE APPLICATIONS AMONG LLB UNDERGRADUATES: CHALLENGES AND OPPORTUNITIES 1052
A. Kiseleva, P. Novikov

EXPLORING PERSONALITY TYPES TO ENHANCE CROSS-CULTURAL COLLABORATION AND CONFLICT RESOLUTION 1057
M. Petrova

PROTECTING WORKERS THROUGH ADVANCED ACOUSTIC-VIRTUAL TRAINING: INTEGRATING SOUND SIMULATION AND IMMERSIVE TECHNOLOGY 1058
A. Lawson, D. González-Toledo, M. Cuevas-Rodríguez, A. Reyes-Lecuona, N. Keren

VIRTUAL TOURS WITH 360 PHOTOS FOR ENVIRONMENTAL EDUCATION 1059
F. Fariña-Rodríguez, C. Carbonell-Carrera, D. Melián Díaz

THE IMPACT OF PROFESSIONAL DEVELOPMENT ON TEACHERS TEACHING IN ARABIC ON THEIR PERFORMANCE AND TEACHING PRACTICE IMPROVEMENT IN SHARJAH 1063
I. Alamoush, H. Al-Zyoud, M. El Samaty

SCHOOL RELATED CHALLENGES HINDERING THE IMPLEMENTATION OF INCLUSIVE EDUCATION IN A SELECTED SCHOOL IN SOUTH AFRICA 1064
A. Mamogobo, P. Aloka

ACTION-ORIENTED TEACHING AND AI - OPTIMIZING EDUCATIONAL PROCESSES IN ELECTRICAL ENGINEERING 1072
T.N. Jambor

THE INNOVATIVE USE OF SELF-DIRECTED LEARNING FOR ADDRESSING COVID-19 LEARNING LOSS AMONG ENGLISH FIRST ADDITIONAL LANGUAGE LEARNERS IN RURAL HIGH SCHOOLS 1082
M. Mokoena, M. Borotho

ANALYSIS OF DANCE SONGS FOR LEARNING PERFORMING ARTS USING TEXT MINING TECHNOLOGY 1092
T. Maeda, M. Yajima, A. Wakatani

CREATION AND IMPLEMENTATION OF INTERACTIVE ACTIVITIES WITH H5P FOR HIGH-VOLTAGE ELECTRICAL INSTALLATIONS 1096
M. Gómez-González, D. Vera, M. Tostado Véliz, M. Valverde Ibáñez, F. Jurado, M. Ortega Armenteros, A. Escámez Álvarez, D. Sánchez Lozano, F.J. Rodríguez Castro

TESTING THE HYPOTHESIS THAT "THE DESIGN OF SCHOOL TEXTBOOKS IN JAPAN BECOMES INCREASINGLY SIMILAR TO THAT OF MAGAZINES" AND PRESENTING EXAMPLES OF FUTURE SCHOOL TEXTBOOK DESIGN 1104
T. Takeuchi

ENHANCING TEACHER ENGAGEMENT IN DIGITAL EDUCATION: THE IMPACT OF ICT COORDINATOR SUPPORT DURING CRISIS 1112
S. Hadad, M. Deshen

EFFECTS OF INVOLVEMENT LOAD ON DEEPENING OF JAPANESE EFL LEARNERS' LEXICAL NETWORK OF ALREADY-KNOWN WORDS 1113
N. Aotani, S. Takahashi

DEVELOPMENT OF EFFECTIVE DISASTER PREPAREDNESS EDUCATION METHODS FOR UNIVERSITY STUDENTS 1120
M. Saito, Y. Sato, T. Oyama, Y. Kazahaya, S. Saito

BOOSTING ICT AND CODING SKILLS WITH ONLINE ESCAPE GAMES IN SECONDARY EDUCATION 1125
M. Tomcsányiová

FUTURE SKILLS FOR THE SUCCESSFUL MANAGEMENT OF CHANGE IN THE AUTOMOTIVE INDUSTRY IN THE BERLIN-BRANDENBURG REGION – AND WHAT THIS MEANS FOR HIGHER EDUCATION PROVIDERS 1132
J. Kirch, U. Kaschka, N. Shafighi

THE IMPACT OF USING AIDS IN TRAINING NON-SWIMMERS ON THE LEVEL OF SWIMMING KNOWLEDGE ACQUISITION 1142
D. Rastovski, J. Lovrinčević, K. Vojedilov

GENDER INEQUALITY IN DOCTORAL STUDIES: EXPERIENCES OF FEMALE STUDENTS IN KENYA 1151
B. Akala, H. Namakula, S. Motala

CAUGHT IN THE CROSSFIRE: THE REALITY OF BEING A LEADER FOR THE SCHOOL-BASED SUPPORT TEAM AMIDST POLICY GAPS AND COMPLEX TRAUMA CASES – HAS SOCIETY LOST ITS MORAL COMPASS? 1156
K.N. Rasool

RECOGNIZING GENDERED SCHOOL VIOLENCE AS A BARRIER TO GIRLS' EDUCATIONAL PARTICIPATION AND ACHIEVEMENT 1165
B. Akala

THE MEEL MODEL: AN EMOTIONAL AND METAPHORICAL APPROACH TO EXPERIENTIAL LEARNING 1174
A. Tarantino

BRIDGING THE GAP: A BIBLIOMETRIC ANALYSIS OF LEADERSHIP IN AI-DRIVEN TEACHER TRAINING AND PEDAGOGICAL DEVELOPMENT (2014-2024) 1180
K.N. Rasool

INTERNATIONAL MULTIDISCIPLINARY PROJECT AS A METHOD FOR LEARNING META-SKILLS 1185
L. Mustonen, S. Heikkilä

SCIENTIFIC CONGRESSES AS A TEACHING STRATEGY FOR RAISING AWARENESS OF THE RESPONSIBLE USE OF ANTIBIOTICS AMONG UNIVERSITY STUDENTS 1193
M.A. Ruiz-Fresneda, M. Morales-Hidalgo, D. Torres-Salinas, M.L. Merroun, R. Ruiz-Perez

GENDER DIFFERENCES IN THE IMPACT OF WORKLOAD PERCEPTION ON HELP-SEEKING BEHAVIOR: THE MEDIATING ROLE OF SELF-EVALUATION AMONG HIGHER EDUCATION STUDENTS 1194
S. Hadad

EMPOWERING SCHOOL-COMMUNITY SYNERGY THROUGH READING PROMOTION: FOCUS ON THE EXPERIENCE OF THE LIBRARY "BIBLIOTECA DI VILLA" 1195
A. Giuliani, A. Gargano

GAME- AND PROBLEM-BASED LEARNING IN THE ERA OF ARTIFICIAL INTELLIGENCE: INSIGHTS FOR INSTRUCTIONAL DESIGN 1204
A. Giuliani

HYBRID INTERNATIONAL COLLABORATIONS: THE FUTURE OF INTERNATIONAL EDUCATION 1213
C. Curran

MAPPING COGNITIVE SKILLS IN MATHEMATICS: THE IMPACT OF MEMORY AND SPEED ON PROBLEM-SOLVING PERFORMANCE 1214
I. Pesovski, E. Kastratovikj, V. Trajkovik

ABILITY TO SELECT AND USE PROPER FORECASTING TECHNIQUES FOR CONSTRUCTION-RELATED ISSUES: PERCEPTION OF THE GLOBAL ACADEMIA 1219
F. Pariafsai, M. Dixit, S. Pariafsai, S. Tandoh, S. Caffey

PROMOTING RECEPTIVE VOCABULARY: AVATAR- VS. HUMAN-BASED MEDIATION OF EXPOSITORY TEXTS AMONG PRESCHOOL CHILDREN AT RISK FOR SLD 1227
G. Apelboim-Dushnitzky, O. Tova

ENHANCING AI EDUCATION FOR HUMANITIES STUDENTS THROUGH MACHINE LEARNING SERVICES 1234
S. Chi

PEDAGOGICAL STRATEGIES ON THE USE OF A CO-TEACHING AUDIOVISUAL PLATFORM: PILOTS IN INITIAL TEACHER TRAINING 1242
V.I. Marín, D. Aguilar, A. Subarroca-Gómez, M.C. Peguera-Carré, J. Coiduras

IMPLEMENTING AND ANALYZING THE ONE-MINUTE QUESTION TECHNIQUE TO ENHANCE LEARNING OUTCOMES IN FLUID MECHANICS 1248
E. Gómez, M. Pérez

DEVELOPMENT AND EVALUATION OF A SYSTEM FOR VISUALIZING ANIMAL SOUNDS TO PROMOTE AUDITORY LEARNING IN DEAF AND HARD-OF-HEARING CHILDREN 1256
M. Namatame, R. Hiraga

CHALLENGES OF GENDER EQUALITY IN EDUCATION AND EMPLOYMENT (EVIDENCE FROM GEORGIA) 1263
I. Natsvlishvili

THE IMPACT OF ICT DRIVEN TSPCK APPLICATIONS ON THE COMPREHENSION OF CHEMICAL EQUILIBRIUM IN HIGH SCHOOL: A SYSTEMATIC REVIEW 1273
B. Ncgobo, M. Moloi

INCORPORATING TOPIC SPECIFIC PEDAGOGICAL CONTENT KNOWLEDGE WITH INFORMATION AND COMMUNICATION TECHNOLOGIES IN THE TEACHING OF ELECTRIC CIRCUITS 1280
M. Moloi, N. Ntsieni

THE USE OF PEDAGOGICAL CONTENT KNOWLEDGE: CONSUMER STUDIES TEACHING AND LEARNING PRACTICES 1286
O.N. Mafa-Theledi

SMART CLASSROOMS AND SUSTAINABLE IOT: EMERGING TRENDS AND INNOVATIONS 1293
P. Eappen, E. Çela, N.R. Vajjhala

APPLIED COMPUTATIONAL THINKING AND PROBLEM-SOLVING IN DIVERSE ACADEMIC FIELDS 1300
P. Eappen, E. Çela, N.R. Vajjhala

OVERCOMING SOCIAL ANXIETY IN CLASS WITH MIRO BOARDS, RUBBER DUCKS AND BOARDGAMES 1306
D. Vallverdu

INTEGRATING ARTIFICIAL INTELLIGENCE IN TEACHING: HOW TO EFFECTIVELY FORMULATE PROMPTS 1316
B. Arcet

UNRAVELING THE IMPORTANCE OF PRACTICE SCHEDULING AS A DETERMINANT OF ACADEMIC PERFORMANCE IN A PLANT PROTECTION SUBJECT 1322
D. Palmero-Llamas

EVALUATING TEACHER PERFORMANCE: A COMPARATIVE STUDY OF AI AND HUMAN JUDGMENTS 1329
M. Strong

EXPLORING THE EMERGING LANDSCAPE OF HYFLEX TEACHING AND LEARNING IN HIGHER EDUCATION: A SCOPING REVIEW 1330
L. Morrison, R. Kay, H. Atkinson, A. Mann, D. Tepylo

HACKING HYFLEX IN HIGHER EDUCATION: AN ALTERNATIVE APPROACH 1339
L. Morrison, R. Kay, H. Atkinson, D. Tepylo, A. Mann, I. Brodie

ANALYSIS OF THE EFFECTS OF EDUCATIONAL ARTIFICIAL INTELLIGENCE (AI) TOOL USAGE ON ENGLISH TEACHING AND LEARNING IN PRIMARY, SECONDARY, AND COLLEGE SETTINGS IN KOREA: A META-ANALYSIS APPROACH 1347
Y. Park

CORRECTNESS OF CODE EVALUATION AND IMPROVEMENT USING LARGE LANGUAGE MODELS 1348
F. Gomez-Donoso, F. Escalona, M. Cazorla, G. Gonzalez-Serrano, D. Viejo-Hernando, B. Dominguez-Dager, F. Morillas-Espejo, C. Zambrana-Navajas, S. Suescun-Ferrandiz

INCORPORATION OF ARTIFICIAL INTELLIGENCE AS A COMPLEMENTARY TOOL IN LABORATORY PRACTICES FOR THE COURSE "DIAGNOSTICS AND SERVICE BEHAVIOR" 1353
J. Gomez-Caturla, N. Montanes, D. Garcia-Garcia, D. Garcia-Sanoguera, C. Lazaro-Hdez, L. Quiles-Carrillo

EDUCATIONAL INNOVATION WITH BIG DATA AS A TOOL IN MATERIAL SCIENCE 1358
J. Ivorra-Martinez, L. Quiles-Carrillo, O. Fenollar, R. Balart, T. Boronat, L. Sanchez-Nacher

DESIGN FOR NOT-YET DESIGNERS: PEDAGOGICAL WORKSHOP EXPERIENCES FOR APPROACHING THE DESIGN DISCIPLINE IN AN ITALIAN HIGH SCHOOL 1363
D. Crippa, B. Di Prete, M. Cason Villa, L. Ratti, A. Righi

THE INFLUENCES OF TECHNOLOGY INTEGRATION ON STUDENT ENGAGEMENT AND GLOBAL EMPATHY ON URBAN, PRIVATE MIDDLE-SCHOOL STUDENTS: A QUALITATIVE CASE STUDY 1369
T. Szymanski

ACCESSIBLE READING AND AAC: THE INCLUSIVE FUNCTION OF TROTULA'S IN-BOOK 1383
M. Galdieri, R. Pastore

EVALUATION AND RECOMMENDATIONS FOR A PRELIMINARY BIOLOGY LABORATORY MANUAL IN FIRST-YEAR BIOCHEMISTRY AND MOLECULAR BIOLOGY EDUCATION 1389
S. Izquierdo Zandalinas, V. Vives-Peris, R.M. Pérez-Clemente, A. Gómez-Cadenas, M.F. López-Climent

GREEN CHEMISTRY IN UNIVERSITY LABORATORIES: A SUSTAINABILITY EDUCATION INITIATIVE 1395
G. Suarez Rodriguez, G. Cervantes

COLLABORATING WITH AN AI IN BUSINESS CLASSROOMS: OPPORTUNITIES, CHALLENGES, AND ETHICAL CONSIDERATIONS 1401
C. Tigerstedt, M. Forsström, S. Fabricius

EMPOWERING DESIGNERS IN THE DIGITAL AGE: A NEW APPROACH TO KNITWEAR EDUCATION 1409
M. Motta, D. Dani

TRAIT PERSEVERANCE MODERATES THE FORMATION OF CONFIDENCE ABOUT OWN PERFORMANCE IN THE BRAIN IN STUDENTS COMPLETING A RANDOM MOTION TASK OF VARYING DIFFICULTIES 1417
G. Recio, S. Korb, A. Blanco Blanes, R. Valenzuela, J.V. Pestana, N. Codina

DISSOLVING STUDENTS' MISCONCEPTIONS REGARDING THE CONCEPTS OF INPUT IMPEDANCE AND OUTPUT IMPEDANCE 1424
G. Pagiatakis, N. Voudoukis, D. Uzunidis, D. Karaoulanis

SUPPORTING PRESENTATION OF FIBER-OPTIC LINKS TO ELECTRONIC ENGINEERING STUDENTS BY MEANS OF REALISTIC PROBLEMS 1428
G. Pagiatakis, D. Uzunidis, N. Voudoukis, D. Karaoulanis

DEVELOPMENT OF HIGH-QUALITY LEARNING MATERIALS FOR PUBLIC SCHOOLS AND A ROBUST MODEL TO ANALYZE THE CAUSAL EFFECT OF THE INTERVENTION ON MATH LEARNING 1432
T. Koneçny, G. Tegoni Goedert

FEEDFORWARD IN ASSESSMENT: A SYSTEMATIC LITERATURE REVIEW 1440
T. Mahlangu

CHALLENGE-BASED LEARNING IN HIGHER EDUCATION: A BIBLIOMETRIC ANALYSIS 1447
T. Mahlangu

BUILDING THE FUTURE: INCREASING CO-CREATIVE VALUE WITH SMES 1453
K. Brusila-Meltovaara, H. Karppinen

EVALUATING THE EFFECTIVENESS OF A FLIPPED CLASSROOM APPROACH IN THE BIOLOGY LAB: STUDENT PERCEPTIONS AND RECOMMENDATIONS FOR IMPROVEMENT 1459
M.F. López-Climent, V. Vives-Peris, R.M. Pérez-Clemente, J. Mahouachi Mahouachi, A. Gómez-Cadenas, S. Izquierdo Zandalinas

UNDERSTANDING BOS IN A-I KNOWLEDGE VALORIZATION 1464
X. Li, R. Urbano, M. Asal, Y. Shi, P. Sotelo, M. Tatar, M. Špaček

PROMISED: PROMOTING TWIN TRANSITIONS THROUGH INTEGRATED STEAM IN BILINGUAL SECONDARY EDUCATION 1474
I.M. Greca, E. Sanz de la Cal, J. Pecnikova, A. Retamero, S. Pearse Hughes, P. Marynenko, R. Dauwens, D. Govaert

BLENDED LEARNING IN LANGUAGE TEACHING THROUGH A NEW LENS: USING THE PICRAT MODEL FOR QUALITY TECHNOLOGY INTEGRATION 1481
P. Valencia

POSSIBILITIES AND CONTRADICTIONS IN ADULT EDUCATION AS AN INSTRUMENT FOR EMPOWERING INDIVIDUALS IN SITUATIONS OF SOCIAL VULNERABILITY 1489
C. Tralhão, I. Amaro

IMPROVING STUDENT SUCCESS RATES IN MATHEMATICS WITH ONLINE HOMEWORK 1496
L. Wang

COLLABORATION ON A PROJECT TO SUPPORT THE FIGHT AGAINST CLIMATE CHANGE 1501
E. Panulinová, S. Harabinova

PILOT RUN OF THE PROJECT USING THE STEAM APPROACH 1506
E. Panulinová, S. Harabinova

ENVIRONMENTAL IDENTITY AND WELL-BEING OF UNIVERSITY STUDENTS 1511
D. Anđić

MAKING LEARNING MATERIAL SMARTER (WITHOUT GENERATIVE AI) 1519
G. Toffoli, S. Lariccia, F. Martinez de Carnero, M. Grammatikou, D. Pantazatos

ENTREPRENEURS IN ACTION, MORE THAN A GAME, A BUSINESS DECISION SIMULATOR 1529
P. Gomes, M. Nogaroli, W. Santos, B. Carvalho

A WEB APPLICATION FOR SUPPORTING VOLUNTEERING IN HIGHER EDUCATION 1539
M. Vasileiou, E. Papaioannou, C. Kaklamanis

GETTING AND ANALYZING STUDENT FEEDBACK IN SYNCHRONOUS TEACHING 1550
S. Lariccia, M. Vujičić, G. Toffoli, F. Martinez de Carnero, D. Pantazatos, M. Grammatikou

HAND IN HAND: THE IMPACT OF MICRO:BIT SUPPORTED SCIENCE EDUCATION ON STUDENTS' MOTIVATION AND INTEREST 1559
B. Gaál

JOB HUNTING AND INTERNSHIPS IN STUDENTS AT A JAPANESE UNIVERSITY 1566
C. Yoshida

APPLICATION OF ITEM RESPONSE THEORY IN THE QUALITY CONTROL OF AN ENTRANCE EXAM IN A MATHEMATICS TEACHING COURSE 1571
J. Gomes, M. Púcuta, J. Cruz

EXPERIENCE FROM INTEGRATION OF AN INTRODUCTORY PHYSICS COURSE: FOCUS ON THE DOPPLER EFFECT LESSON 1577
L. Bartosovic, P. Demkanin, D. Cervenova

HOW CAN AI EVALUATE AND IMPROVE INCLUSIVITY IN UNIVERSITY PORTALS, WITH A FOCUS ON CULTURAL, LINGUISTIC, AND ACCESSIBLE REQUIREMENTS? 1584
D. Charkhian, B. Moghaddami

THE ROLE OF SELF-EDUCATION IN DEVELOPING ICT SKILLS FOR THE EVOLVING DIGITAL ECONOMY 1590
V. Bolek

EXPLORING CURRICULUM IMPLEMENTATION IN GRADE 12 MATHEMATICS: A CASE OF GAUTENG COMMUNITY LEARNING CENTRES 1599
C.C. Tibane, O.N. Mafa-Theledi, T.P. Masebe, P. Mathye

AN OVERVIEW AND ASSESSMENT OF GENERATIVE ARTIFICIAL INTELLIGENCE APPLICATIONS FOR MATHEMATICS 1606
E. Dimitriadou, A. Lanitis

FROM ENVIRONMENTAL EDUCATION TO SUSTAINABLE DEVELOPMENT - A NEW GLOBAL PARADIGM 1611
D. Sivevska, S. Stavreva Veselinovska, S. Petrovska

EXPLORE CHIOS: A SKETCHWARE-BASED CULTURAL AND TRAVEL GUIDE ANDROID APPLICATION FOR CHIOS ISLAND 1619
P. Gerazounis, E. Papaioannou, S. Tsavos, C. Kaklamanis

BEYOND THE PLAY BUTTON: ANALYZING STUDENT PERCEPTIONS OF INTERACTIVE VIDEO DISCUSSIONS IN HIGHER EDUCATION 1629
R. Kay, L. Banks, S. Lauricella

NAVIGATING COGNITIVE LOAD IN FLIPPED CLASSROOMS: HOW YEAR-LEVEL IMPACTS STUDENT ENGAGEMENT AND PERCEPTIONS 1635
R. Kay, L. Banks, S. Lauricella

BEYOND GRADES: STUDENT INSIGHTS ON THE BENEFITS AND CHALLENGES OF UNGRADING IN ONLINE HIGHER EDUCATION CLASSROOMS 1642
S. Lauricella, R. Kay, L. Banks

BOOSTING ENGAGEMENT AND LEARNING: HOW GAMIFIED QUIZZES VIA MENTIMETER IMPACT UNDERGRADUATE STUDENTS' EXPERIENCES 1652
S. Lauricella, L. Banks, R. Kay

THE IMPORTANCE OF INTERGENERATIONAL INTERACTION BETWEEN CHILDREN AND THE ELDERLY 1656
S. Bose

USING GAMIFICATION TO ENHANCE THE ACQUISITION OF ENGLISH AS A SECOND OR FOREIGN LANGUAGE IN HIGHER EDUCATION: A SCOPING REVIEW 1662
I. Grubjesic, T. Ivanjko

IMPROVING ENGLISH LANGUAGE TEACHING THROUGH EQUITABLE AND INCLUSIONARY PRACTICES 1671
M. Milian

FINE-GRAINING THE SCIENTIFIC PUBLICATION EXCELLENCE OF UNIVERSITY: A CASE STUDY FOR UNIVERSITY OF BELGRADE 1672
I. Pilcevic, V. Uskokovic, V. Jeremic

DIVERSIFICATION OF FOREIGN LANGUAGE TEACHERS' PRE-SERVICE PROFESSIONAL TRAINING BASED ON ENCULTURATIVE APPROACH 1673
E. Shmidt, E. Chelpanova, M. Bolina, L. Naumenko, K. Bolshakova

THE IMPACT OF LEARNING ENVIRONMENT ON PROFESSIONAL SKILLS OF PRE-SERVICE TEACHERS 1679
M. Bolina, E. Chelpanova, E. Shmidt, L. Naumenko, K. Bolshakova

A SYSTEMATIC REVIEW AND CLUSTER ANALYSIS OF 21ST-CENTURY SKILLS RELEVANT TO DIGITAL FORMAL LEARNING IN HIGHER EDUCATION 1683
N. Ukhova, I. Gabelaia

OPTIMIZING LEARNING OUTCOMES WITH ARTIFICIAL INTELLIGENCE: INSIGHTS FROM THE GAIN FRAMEWORK 1693
O. Whelan, A. Ojeda, K. Gaugler, C. Matheus

INTERNATIONAL CYBERSECURITY COOPERATION: THE CYBERMACS ERASMUS MUNDUS INITIATIVE FOR A SECURE GLOBAL DIGITAL FUTURE 1700
R. Creutzburg, V. Dimitrova, I. Chorbev, E. Dilan, A. Gücüyener, H. Dağ

ATTITUDES OF KINDERGARTEN TEACHERS AND PARENTS OF PRESCHOOL CHILDREN TOWARDS FOSTER CARE 1705
S. Tatalović Vorkapić, M. Kosanović, Ž. Čargonja-Pregelj

RESILIENCE AND SOCIO-EMOTIONAL COMPETENCIES AMONG KINDERGARTEN TEACHERS 1714
S. Tatalović Vorkapić

INVESTIGATING THE EFFECTS OF PERSONALITY ON ACADEMIC PERFORMANCE IN HIGHER EDUCATION – A DATA MINING APPROACH 1723
W.C.J. Tan, J.Y.D. Kong

SCENARIO-BASED IT EDUCATIONAL MATERIALS: GAME DEVELOPMENT AND CHEATING DETECTION 1733
N. Hanakawa, M. Obana

EXPLORING THE IMPACT OF AI ON ESL LEARNING: STUDENTS' PERSPECTIVES AND CHALLENGES 1739
I. Rodrigues

TRANSFORMING TRADITIONAL TEACHING INTO COACHING GUIDANCE IN WORKING LIFE CONNECTED PROJECTS 1746
M. Denis, L. Escurra, T. Tallgren

DEVELOPING PHYSICAL EDUCATION TEACHER STUDENTS' PROFESSIONAL IDENTITY THROUGH BODILY IMAGINATION AND CREATIVE MOVEMENT 1755
N. Cappello, E. Hernandez, D. Rodriguez, D. Cañabate

EMBODYING EDUCATIONAL RESEARCH: A PRACTICAL EXPERIENCE WITH PARTICIPATORY METHODS FROM MOVEMENT-BASED PERFORMING ARTS 1756
N. Cappello, L. Daher, D. Cañabate

NAVIGATING EDUCATIONAL CHANGE: EMBEDDING ADAPTABILITY, CRITICAL THINKING, COMMUNICATION, AND DIGITAL LITERACY 1757
A. Patcas

DECENTRALIZED REQUIREMENTS MANAGEMENT IN SOFTWARE ENGINEERING: IMPROVING THE EDUCATIONAL PROCESSES BY LEVERAGING BLOCKCHAIN BASED TECHNOLOGIES 1761
E.O. Mîș, D.Ș. Rusu, A. Vasilățeanu, D.A. Mitrea

FACILITATING TRUST AND MOBILITY IN EDUCATION USING MICROCREDITS AND VERIFIABLE CREDENTIALS WITH THE HELP OF DISTRIBUTED LEDGER SYSTEMS 1768
D.Ș. Rusu, E.O. Mîș, A. Vasilățeanu, D.A. Mitrea

ENHANCING CYBERSECURITY EDUCATION: THE IMPACT OF SIMULATED LEARNING AND INTERACTIVE TUTORIALS ON STUDENT PERFORMANCE AND ANXIETY REDUCTION 1775
R.R. Panakkadan, P. Meher, S.A. More, S. Sudhakaran

DEVELOPMENT OF EDUCATIONAL PRACTICES FOR THE USE OF ROBOTIC ARMS IN HIGHER EDUCATION 1785
M. Visintini, N. Minuzi

SHIT-SHOW SERVICE FAILURE PREVENTION: LARP EXPERIENCE-TRAINING IN DELIVERING BAD SERVICE 1789
A. Woodside, R. De Villiers, P. Mir-Bernal

A SCOPING REVIEW OF HEALTH PROFESSION STUDENTS AS STAKEHOLDERS IN SCIENCE DIPLOMACY 1800
E. Yu, E. Choi, C. Brassett, J. Terwilliger, R. Wingate, A. Wu

LEADERSHIP DEVELOPMENT IN PHYSICAL EDUCATION TEACHER EDUCATION (PETE): EXAMINING INNOVATIVE PEDAGOGY THROUGH PHYSICAL HEALTH EDUCATION CANADA STUDENT CHAPTERS 1801
W. Barber, W. Walters

WHAT DOES EQUITY-CENTERED AND TRAUMA-INFORMED EDUCATION MEAN FOR STUDENTS, TEACHERS AND SCHOOL LEADERS IN PK-12 SETTINGS? 1806
A. Davidson

THE IMPACT OF ARTIFICIAL INTELLIGENCE ON CONTEMPORARY VISUAL ARTS EDUCATION 1807
B. Blazhev/Lyudmilov

TEACHING AFRICAN LANGUAGES THROUGH DIGITAL PLATFORMS: A PEDAGOGIC MODEL FOR ENHANCED LEARNING 1817
N. Mokala, M. Mtanha-Matariro, L. Makalela

HOW STUDENT TEACHERS TRANSFER QUESTIONING SKILLS LEARNED THROUGH A MIXED REALITY SIMULATION INTERVENTION IN THEIR CLASSROOM PRACTICE 1822
S. Gravett, D. van der Merwe

INNOVATIONS IN AFRICAN LANGUAGE INSTRUCTION: BLENDING TRADITIONAL AND DIGITAL LEARNING APPROACHES 1823
N. Mokala, M. Mtanha-Matariro, L. Makalela

CHANGES IN LEARNING MOTIVATION INDUCED BY THE TRANSITION TO ONLINE CLASSES 1829
D. Plese, M. Togonal

WHICH "FAVORITE FORM OF EXAMINATION" WOULD STUDENTS WISH FOR IF THEY HAD THE CHOICE? 1838
M. Baume

ACTIVE LEARNING IN ENERGY: CASE STUDY ANALYSIS WITH MODELLING AND SIMULATION 1847
L. García-Pérez, M. Santos

“IF THERE IS SOME KIND OF PROBLEM WITH THE FOUNDATION, ONE CANNOT BUILD THE HOUSE”: MOTIVATED STUDENTS’ PERSPECTIVES IN GRAMMAR LEARNING 1854
M. Teral, R. Pool

METHODOLOGICAL APPROACHES TO ANTI-DOPING EDUCATION: A MULTIDISCIPLINARY PERSPECTIVE 1860
E. Isidori, B. Di Pietro, A. Di Gianfrancesco, F. Verdi

DIGITALIZATION AND ARTIFICIAL INTELLIGENCE (AI) FOR SCHOOL-AGE EDUCARE CENTRE (SAEC) STUDENT TEACHERS. A STUDY OF SWEDISH HIGHER EDUCATION INSTITUTION CURRICULUM 1871
K. Gordon, H. Dahlström, M. Håkansson Lindqvist

CONTEXTUAL FACTORS THAT INFLUENCE TAKING ON THE MENTOR ROLE AFTER FOLLOWING AN EDUCATIONAL MENTORSHIP COURSE 1876
L. Vrancken, M. Reymen, Y. Sterckx

LEGAL AND EDUCATIONAL APPROACHES TO ANTI-DOPING: INTEGRATING COMPLIANCE AND ETHICAL AWARENESS 1877
B. Di Pietro, F. Verdi, A. Di Gianfrancesco, E. Isidori

TEACHING ARCHITECTURE: CHALLENGES AND REFLECTIONS –THE THOUGHTS OF MANUEL TAINHA, ARCHITECT, TEACHER AND CRITIC 1887
I. Cunha Simão, A. Martins-Nepomuceno, N. Juan-García

ENHANCING CARING IN ONLINE EDUCATION THROUGH LEARNING DESIGN 1897
J. Heinonen, S. Temisevä

A GAMIFIED VIRTUAL LIBRARY TOWARDS ENHANCING STUDENT ENGAGEMENT IN DISTANCE LEARNING 1905
G. Pappas, E. Constantinou, E. Nicodemou, P. Themistocleous, J. E. Siegel, C. Christodoulides

BREAKING THE CYCLE OF MATH ANXIETY: EMPOWERING PRE-SERVICE TEACHERS WITH EVIDENCE-BASED STRATEGIES 1913
D. Mihăescu, L. Bologa, D. Bîclea

VIRTUAL SIMULATION IN PEDIATRIC DENTISTRY: ASSESSING ITS SIMILARITY TO CLINICAL PRACTICE AND IMPACT ON LEARNING OUTCOMES FOR DENTISTRY STUDENTS 1919
M.D. Casaña-Ruiz, A. Armengol-Olivares, S. Camañes-Gonzalvo, M.A. Peiró-Guijarro, N. Zamora-Martinez, V. García-Sanz

INTEGRATING DIGITAL DIAGNOSIS METHODS IN THE PEDIATRIC PRACTICUM SUBJECT OF THE FINAL YEAR OF THE DEGREE IN DENTISTRY AT THE UNIVERSITY OF VALENCIA 1926
M.D. Casaña-Ruiz, A. Armengol-Olivares, S. Camañes-Gonzalvo, M.A. Peiró-Guijarro, N. Zamora-Martinez, V. Garcia-Sanz

NEURAL SCENE GRAPHS: A COMPREHENSIVE REVIEW OF ADVANCES IN 3D SCENE REPRESENTATION, UNDERSTANDING, AND APPLICATIONS 1931
J.H. Moolman, F. Boyle, J. Walsh

PLAY-WORLDS AS CONTEXT FOR CODING AND ROBOTICS ACTIVITIES IN EARLY CHILDHOOD EDUCATION 1940
L. Prinsloo, M. Botes

MEASURING PERFORMANCE METRICS IN ACTIVE ROLE-PLAY LEARNING FOR DECISION TECHNIQUES IN FLEXIBLE MANUFACTURING 1950
D. Juárez-Varón, A. Mengual-Recuerda, B. Andrés Navarro, M.R. de la Torre Martínez

NEUROTECHNOLOGICAL STUDY OF THE DEVELOPMENT OF AN INDUSTRIAL MANUFACTURING PROCESS PRACTICE 1957
D. Juárez-Varón, M.A. Peydró Rasero, A. Mengual-Recuerda, M.R. de la Torre Martínez, B. Andrés Navarro

PUTTING THE TRAINEE KNOWLEDGE WORKER TO WORK: BENEFITS OF WORK INTEGRATED LEARNING IN DOCTORAL PROGRAMMES 1963
K.A. Bracewell, I. Sheridan, S. Cassidy

THE ORIGINS OF THE INTERNET AND ITS CURRENT STATE 1973
N. Wesseling

TRANSFORMATIVE AND SUSTAINABLE DELEGATION OF AUTHORITY POLICY AS A DRIVER OF GOOD GOVERNANCE IN HIGHER EDUCATION INSTITUTIONS 1977
A. Moloi, L. Mhlongo

INSTRUCTIONAL DESIGN TO PROMOTE DATA-DRIVEN PRACTICES AND DIGITALISATION IN SHIPBUILDING PROJECTS 1986
Z. Tacgin, M. Martinsuo

AN AUGMENTED REALITY SOLUTION FOR DIGITALISATION TRAINING IN SHIPBUILDING: SYSTEMATIC REVIEW AND APPLICATION DEVELOPMENT 1997
Z. Tacgin, M. Martinsuo

AI TOOLS FOR DATA ANALYSIS IN LEARNING ANALYTICS: CASE STUDY IN THE PRIN PROJECT "LEARNING ANALYTICS. ACROSS DATA PROCESSING ETHICS, INSTRUCTIONAL DESIGN AND ACADEMIC POLICY" 2012
M. Baldassarre, F.P. Sarcina, A.M. Cuzzi

AN EDUCATIONAL INNOVATION FOCUSED ON MANUFACTURING ENGINEERING BASED ON DECOMPOSED TANGIBLE MODELS OBTAINED THROUGH ADDITIVE MANUFACTURING 2018
E. García-Martínez, V. Miguel, J.A. Naranjo Torres, M.C. Manjabacas Tendero, N. Sánchez-Casado

A PROPOSAL OF AN INNOVATIVE TEACHING WEB APPLICATION TO CREATE SYNTHETIC MICROSTRUCTURES OF CARBON STEELS FROM A MANUFACTURING ENGINEERING PERSPECTIVE 2025
E. García-Martínez, J. Muñoz-Rodenas, A. Martínez-Martínez, F. García-Sevilla, J. Coello, M.C. Manjabacas Tendero, J.A. Naranjo Torres, M.N. Sánchez Casado, V. Miguel

USING REAL CASES TO AWAKEN MOTIVATION AND GENERIC OUTCOMES IN MASTER'S STUDENTS: APPLICATION IN THE DESIGN OF WASTEWATER TREATMENT PLANTS 2034
C. Hernandez-Crespo, E. Asensi-Dasí

CHALLENGES IN MEASURING GLOBAL CITIZENSHIP SKILLS BY LANGUAGE-BASED TESTS 2038
K. Matsumoto, T. Takeuchi, Y. Kato, S. Kato

DRIVING INNOVATION THROUGH CROSS-SECTOR COLLABORATION WITH HIGHER EDUCATION INSTITUTIONS 2045
E. Costa, P. Vicente, E. Reis

MINIPBL APPROACH TO SUSTAINABLE EDUCATION 2054
D. Velichová

DECOLONISING LEARNING THROUGH AI-ENABLED INDIGENOUS LANGUAGE TRANSLATION: A FRAMEWORK FOR OVERCOMING LANGUAGE BARRIERS IN AFRICAN EDUCATION 2059
L. Marumolwa, A. Moloi, O. Khanye

MATH ANXIETY AND SELF-EFFICACY IN YOUNG LEARNERS: MEASUREMENT AND INTERVENTION 2069
D. Mihăescu, D. Bîclea, L. Bologa

HIGHER EDUCATION IN TRANSFORMATION: A SOCIOLOGICAL VIEW OF ACADEMIC CAREERS IN PORTUGAL 2076
H. Antunes

POST-COVID INSIGHTS FROM A TWO-YEAR NATIONAL DIGITAL TRANSFORMATION INITIATIVE – A STUDENT-CENTRED APPROACH 2077
N. O'Connor, T. Prendergast

STUDENTS TUTOR STUDENTS: A PROBLEM-BASED LEARNING COURSE IN HEALTH PROFESSION EDUCATION 2078
M. Avrech Bar

ETHICS AND DATA PROCESSING IN LEARNING ANALYTICS: A PNRR RESEARCH PROJECT TOWARDS AN ACCOUNTABLE FRAMEWORK FOR HIGHER EDUCATION 2079
M. Baldassarre, M. Dicorato

ASSESSMENT OF CRITICAL THINKING IN BUSINESS CLASSES 2087
A. Barclay, C. White, M. Basas

NEVER TOO LATE: WHEN DO EXCELLENT STUDENTS HAND IN THEIR EXAMS? 2088
J. Villagrasa, C. Donaldson, M. Avenza-Ivars, F. Sánchez-Coll

IMPACT OF SOCIO-EMOTIONAL VARIABLES ON THE PSYCHOLOGICAL WELL-BEING OF FUTURE TEACHERS 2099
A. Izquierdo, J.L. Castejón, R. Gilar-Corbí

"IN THE MANNER OF": AN INNOVATIVE AND TRANSVERSAL EXPERIENCE FOR INTERIOR DESIGN PROJECT LEARNING 2100
A. Pascual Rubio, J.M. Iborra Marcos, C. Sentieri Omarrementería

DEM4PED-DATA EXCHANGE MODEL FOR POSITIVE ENERGY DISTRICTS 2110
M. Garabet, C. Ivan

CREATING VALUE IN THE INTERACTION BETWEEN HIGHER EDUCATION AND SOCIETY: THE CASE OF TRAINEESHIPS AT THE UNIVERSITY OF AVEIRO 2116
T. Silva, I. Saur-Amaral, T. Aragonez

GAME-BASED LEARNING: AN APPLIED APPROACH WITH IDEA CHEF AND LEGO SERIOUS PLAY 2125
I. Saur-Amaral, S. Filipe, T. Aragonez

FACTORS INFLUENCING STUDENT USE OF CHATGPT: AN EXPLORATION OF THE BENEFITS AND RISKS OF ADOPTING AND USING CHATGPT 2134
J.J. Orts-Cardador, R. Hernández Garrido, C. Pérez Calañas, E. Carvajal-Trujillo

ASSESSING THE IMPACT OF EDUCATIONAL TECHNOLOGY ADOPTION ON THE CAREER CHOICES OF FIRST-YEAR UNIVERSITY STUDENTS 2139
O. Ajayi

DEVELOPING CRITICAL INDUSTRY SKILLS THROUGH INTEGRATION OF RISK ASSESSMENT CURRICULUM IN HIGH SCHOOL CAREER AND TECHNICAL EDUCATION COURSES 2146
R. Honomichl, P. Wagner

THE NEED FOR HIGHLY TRAINED AND QUALIFIED K12 TEACHERS TO ADDRESS THE GROWING DEMAND FOR CYBERSECURITY PROFESSIONALS 2153
R. Honomichl, P. Wagner

INFORMAL METHODS FOR EVALUATING STEM (SCIENCE, TECHNOLOGY, ENGINEERING, MATHEMATICS) PROGRAMS 2162
M. Larson

EXECUTIVE FUNCTIONS DEVELOPMENT: A LONGITUDINAL STUDY OF CHILDREN FROM KINDERGARTEN TO THIRD GRADE ACROSS VARIED SOCIOECONOMIC BACKGROUNDS 2163
T. Raz, S. Shaul

LET YOUR LECTURE LIVE ON WITH DIGITAL LECTURE NOTES AND VIDEO CAPTURES 2172
A. Beiderman

EMPOWERING ACADEMIC AND CAREER SUCCESS THROUGH CULTURAL AND LANGUAGE-FOCUSED EXTRACURRICULAR ACTIVITIES: A CASE STUDY OF A KOREAN CLUB IN A U.S. COLLEGE 2173
J. Kwon, C. Garcia-Gonzalez, A. Karamustafic, Y. Guzman

A UNIVERSITY-LED COMPUTER SCIENCE EDUCATION SUMMIT: MEETING THE MOMENT WITH ACTIONABLE, RELEVANT, AND TIMELY EXPLORATIONS 2174
C. Blitz, F. Trees, D. Amiel, D. Detrick

STRENGTHENING TEACHER TRAINING IN TIMOR-LESTE: ALIGNING PRE-SERVICE TEACHER TRAINING WITH SECONDARY CURRICULUM NEEDS 2181
F. Couto

MORAL INTUITIONS, ARGUMENTS AND NARRATIVES IN POSTGRADUATE STUDENTS OF A MASTER'S DEGREE IN BIODIVERSITY AND CONSERVATION IN SPAIN: UNFORESEEN OUTCOMES 2187
D. Vacas-Aponte, Á. Ruiz-Repiso, R. Benavente-Blanco, D. Amorós-Ausina, N. Bernal-Ripollés, A. Borja-Perales, R. Bornemann-Planells, Á. Brotons-Antón, C. Canós-López, J. Carbonell-Varea, L. Catalán-Soriano, I. Costa-Palos, P. Domingo-De Pedro, L. Domene-Saiz, C. Enríquez-Rodríguez, C. Esteban-Silvestre, E. García-Martínez, M. Gas-Vicent, D. Gijón-Martínez, F. Giménez-Soutullo, L. Gómez-Górriz, S. Hernández-Fernández, S. Gónzalez-Pacheco, J. Jiménez-Higuera, A. Lagier-Quesada, Á. Laín-Losas, J. López-Galán, R. Martí-Montoya, G. Martínez-Roig, S. Martínez-Torres, N. Megías-Valero, T. Nebot-Sanjuán, O. Polo-Yagüe, A. Polvoreda-Ramiro, J. Roldán-Herrero, A. Ros-Castejón, Á. Sobrino-Martínez, N. Streb, S.N. Tamashiro-Orrego, I. Tárrega-Rubio, M.J. Torres-Ruiz, A. Turos-Cabal, I. Vázquez-Cabrillana, F.J. Aznar-Avendaño

CONNECTING INDUSTRIAL AND TEACHING WORLD FROM BLENDED LEARNING ON CORROSION SCIENCE 2197
L.B. Peral, M. Bueno, E. Mardaras, V. Arniella, I. Fernández-Pariente

ENHANCING EQUITY IN EDUCATION: THE ROLE OF COMMUNITY PARTICIPATION IN TEIP SCHOOLS 2198
F. Couto

MULTILEVEL INSTITUTIONAL WORK TO INDUCE CHANGE IN HIGHER EDUCATION 2203
S. Stenvall-Virtanen

RELATIONSHIP BETWEEN QUALITY ASSURANCE PERFORMANCE INDICATORS AND CURRICULUM DESIGN 2210
L. Velázquez, B. Atenas, N. Cruz Hernández, J.C. Castro Palacio, J.A. Monsoriu

ACTIVE YOUTH HUB: FOSTERING ACTIVE CITIZENSHIP AND YOUTH ENTREPRENEURSHIP THROUGH GAME-BASED LEARNING 2218
D. Vlachopoulos, O. Eleftheriou, M. Giangkampozidou, A. Haratau, D. Elek, M. Pušnik

AUTHENTIC ASSESSMENT: BRIDGING HIGHER EDUCATION AND REAL-WORLD SKILLS THROUGH DIVERSE METHODOLOGIES 2225
D. Vlachopoulos

THE MOST NOBLE PROFESSION: INCORPORATING HIGH IMPACT TRANSFORMATIVE PRACTICES INTO MATHEMATICS TEACHER PREPARATION EXPERIENCES 2235
M. Parrott

DETERMINANT FACTORS OF EFFORT IN ONLINE POSTGRADUATE DEGREES IN ECUADOR: A SELF-PERCEIVED APPROACH 2240
J. Sierra-Morán, L. Rangel-Lyne, S.J. Martínez-Vergara, M. Bernardo

TRANSFORMING DATA INTO ACTION: THE CENTRAL ROLE OF SCHOOL LEADERSHIP 2247
A. Villeneuve, Y. Bouchamma

HARMONIZING LEARNING: THE INTEGRATION OF AI AND MUSIC TECHNOLOGY IN EARLY CHILDHOOD LANGUAGE LEARNING CIRCLES 2251
J. Hernandez

DO-IT-YOURSELF DATA-ENABLED FLIPPED LEARNING (DIY-DEFL) WAY OF LEARNING PHYSICS 2252
D. Loy, S.L. Chang, A. Dewanto

EMPOWERING WRITERS: LEVERAGING DIGITAL SELF-DIRECTED LEARNING TOOLS TO ENHANCE WRITING DEVELOPMENT IN UNIVERSITY WRITING CENTRES 2258
M.J. Hayter

CULTIVATING CLASSROOM EXCELLENCE: INTEGRATING DESIGN THINKING INTO 21ST-CENTURY CURRICULUM DEVELOPMENT 2259
M.J. Hayter

THE IMPACTS OF A TEACHER DEVELOPMENT PROJECT ON PRE-SERVICE SCIENCE TEACHERS' ASSESSMENT LITERACY 2260
C.K. Chan

INTEGRATING COT AND RAG INTO GPT MODELS FOR BUILDING A LEARNING SYSTEM TO ENHANCE ENGLISH WRITING SKILLS 2268
W. Ye, H. Takada

REQUIREMENTS ANALYSIS FOR SUCCESSFUL COLLABORATIONS BETWEEN UNIVERSITIES AND INDUSTRY BASED ON DIGITAL INNOVATIVE PLATFORMS EXEMPLIFIED BY IDEALIZE 2277
S. Löwe, M. Fischer

READING SKILLS IN THE EARLY YEARS IN INTERNATIONAL SCHOOLS 2287
A. Vincent, C. Jellis

ANALYSIS OF BRAIN PERFORMANCE METRICS IN ACTIVE LEARNING BASED ON ROLE-PLAYING. A NEUROTECHNOLOGICAL STUDY 2296
A. Mengual-Recuerda, D. Juárez-Varón, B. Andrés Navarro, M.R. de la Torre Martínez

AN ANALYSIS OF EARLY MATHS SKILLS IN INTERNATIONAL SCHOOLS 2302
C. Jellis, A. Vincent

NEUROTECHNOLOGICAL STUDY ON ACTIVE LEARNING BASED ON GROUP DYNAMICS: APPLICATION TO HUMAN RESOURCES MANAGEMENT 2310
A. Mengual-Recuerda, D. Juárez-Varón, M.R. de la Torre Martínez, B. Andrés Navarro

UNIVERSITY STUDENTS' PERCEPTIONS OF CHATGPT 2315
R. Mestre-Pérez

VIRTUAL REALITY VS. POWERPOINT IN ENGLISH LANGUAGE TEACHING: EFFECTS ON FLUENCY AND VOCABULARY ACQUISITION 2324
Y. Satake

DEVELOPING A DIGITAL TRAINING TOOL FOR PERSONS WITH INTELLECTUAL DISABILITIES: THE GENDER DRAMA-ID PROJECT 2325
Z. Valero-Ramon, G. Ibañez-Sanchez, J.L. Bayo-Monton, M. Mas

EXPLORING THE EFFECT OF INSTRUCTIONS AND STUDENT CHARACTERISTICS ON STUDENTS' USE AND PERCEIVED USEFULNESS OF AI CHATBOTS IN HIGHER EDUCATION 2333
J. Diederen, B. de Rink

REDEFINING LIBERAL ARTS EDUCATION FOR A VUCA WORLD: THE CASE OF WEBSTER UNIVERSITY'S GLOBAL CITIZENSHIP PROGRAM 2343
J. Sandholm-Bark

CONSTRUCTING BRIDGES: STRATEGIES TO ENHANCE SCIENCE ACCESSIBILITY IN RURAL SCHOOLS 2349
R. Branquinho, C. Sarabando, J. Duarte, M. Carocho, M. Fernandes, X. Sá-Pinto

HEALTHCARE ARTIFICIAL INTELLIGENCE: NURSES' PERCEPTIONS 2359
F. Segadães, C. Pinto, A. Pinto, M. Barroso, T. Coelho, P. Oliveira

CRITICAL AI LITERACY IN HIGHER ED: LESSONS AND NEXT STEPS 2368
J. Sandholm-Bark

EDUCATIONAL TEAMS WORKING WITH STREET CHILDREN IN MEXICO: STRATEGIES, SATISFACTION, AND EMOTIONAL CHALLENGES 2372
L. Lacourt, M. Bruyninckx, A. Thill

A CLOSE TO REAL WORK EXPERIENCE FOR THE ACQUISITION AND EVALUATION OF TRANSVERSAL COMPETENCES OF AEROSPACE ENGINEERING STUDENTS 2379
D. Domínguez, C. Rubio, A. Delgado, A. García, F. Parra, D. López

ART TECHNOLOGIES IN TEACHING MINOR LANGUAGES AS PRESERVING THE NATIONAL LANGUAGE AND CULTURE (ON THE EXAMPLE OF THE TATAR LANGUAGE) 2380
A. Ashrapova, L. Svirina, I. Makarov

TEACHER AWARENESS AND PREPAREDNESS FOR EDUCATING STUDENTS WITH ONCOLOGICAL DISEASES IN THE CZECH REPUBLIC 2387
E. Satinská, E. Nyklová, V. Vavrušková

CREATING A MAKERSPACE FOR CONNECTING STEAM AND HOME ECONOMICS EDUCATION: INTERDISCIPLINARY LEARNING FOR SUSTAINABILITY 2400
K. Oikarinen, P. Palojoki, J. Haapaniemi

GAMBIAVET: AN INNOVATIVE SOLIDARITY PROJECT THAT GATHERED STUDENTS AN ACTIVE ROLE IN LEARNING AND PROVIDED A VALUABLE HELP TO THE WORKING ANIMALS OF THE GAMBIA 2401
Z.K. Losonci, M. García-Roselló, V. Vitale

EMPOWERING HEALTHCARE WITH PROCESS MINING: A LEARNING-BY-DOING APPROACH TO BIG DATA ANALYTICS IN CLINICAL PRACTICE 2408
G. Ibáñez-Sanchez, Z. Valero-Ramon, J.L. Bayo-Monton, F. Seoane

GAMIFYING THE CURRICULUM: A STRATEGY FOR ENHANCING STUDENT ENGAGEMENT, ACTIVE AND COLLABORATIVE LEARNING, AND SATISFACTION 2418
E. Roldan Ciudad, Y. Perfecto-Avalos, A. Hidalgo-Bastida

IMPROVING STUDENT EMPLOYABILITY AND BUSINESS COLLABORATION WITH THE "ITINERARIO PROFESIONAL" IN THE MPGPE 2428
M. Reula, M.C. Bas, S. Quintanilla, A. Pérez, V. Liern, R. Benítez, C. Parreño-Torres, J. Pla-Barber, S. Vizcayno

IRAISE: BRIDGING THE GAP IN HEALTHCARE INNOVATION ADOPTION THROUGH COLLABORATIVE EDUCATION AND INDUSTRY ENGAGEMENT 2435
G. Ibáñez-Sanchez, Z. Valero-Ramon, V. Traver, R. Alessandrello, R. Maspons

ADVANCING STEM EDUCATION AND INCLUSION: EVALUATING THE IMPACT OF THE FEMST PROJECT 2441
M. Potes Barbas, A. Teles Vieira, M. Ortega Mateo, S. Mavrommati, C. Thanopoulos, D. Bayram, B. Korkmaz Erdural, S. Louka

STEAMKITCHEN: INTEGRATING HOME ECONOMICS AND STEAM FOR SUSTAINABLE EVERYDAY LIFE SKILLS 2446
J. Haapaniemi, P. Palojoki, K. Oikarinen

USEFULNESS OF CLINICAL SIMULATION IN MULTIDISCIPLINARY TEAMS FOR DEVELOPING RELATIONAL SKILLS IN FUTURE CLINICAL PSYCHOLOGISTS 2447
S. Pinazo-Hernandis

EXPLORING THE DYNAMICS OF MATHEMATICS TEACHER IDENTITY: A CASE STUDY OF MR. KHAN 2452
Z. Jina Asvat

USE OF AUDIO-VISUAL TOOLS AS SUPPORT FOR LEARNING IN LABORATORY SUBJECTS IN THE CHEMISTRY DEGREE: PILOT EXPERIENCE IN THE SUBJECT OF BASIC LABORATORY OPERATIONS 2458
S. Carda-Broch, J. Peris-Vicente, M.J. Ruiz-Ángel, R. Castillo-Solsona

VERFISUM: EMPOWERING INCLUSION AND EMPLOYMENT THROUGH DIGITAL EDUCATIONAL INNOVATION 2464
M. Potes Barbas, A. Teles Vieira, P. Duarte Branco, E. Casimiro

HEALTH PROFESSIONALS TRAINING AND CULTURAL DIVERSITY: WORKING WITH CHILDREN AND ELDERLY ADULTS 2472
L. Lacourt, L. Santoro, D. Cauchie, M. Bruyninckx

PEER TUTORING TO IMPROVE LEARNING OF LABORATORY OF QUANTITATIVE CHEMICAL ANALYSIS 2478
S. Carda-Broch, J. Peris-Vicente, M.J. Ruiz-Ángel

CONSTRUCTION OF REALITIES: BRIDGING THEORY AND PRACTICE FOR DESIGN STUDENTS 2483
U. Lagger, M. Forenbacher, W. Mraček

THE ROLE OF VISUAL COLLABORATION APPLICATIONS IN WEB SEMINARS FOR UNIVERSITY EDUCATION 2489
B. Andrés Navarro, A. Mengual-Recuerda, D. Juárez-Varón, M.R. de la Torre Martínez

LONGITUDINAL ANALYSIS OF E-PORTFOLIOS ACROSS ACADEMIC YEARS: EXPLORING SELF-REGULATION AND ACADEMIC SUCCESS IN HIGHER EDUCATION 2501
M.C. Blanco-Gandía, G. López-Crespo, T. Jiménez-Gutiérrez

PERCEPTION OF VOCATIONAL EDUCATION TRAINING STUDENTS ON THE DEVELOPMENT OF SUSTAINABILITY COMPETENCE 2505
N. Rezabal, J. Esparta, I. Enekotegi, A. Zarain, M. Vazquez-Polo, V. Navarro, J. Miranda, I. Txurruka

LEVELING UP GOVERNANCE EDUCATION: EVALUATING GAME-BASED LEARNING IN CORPORATE TRAINING 2511
R. Al Ghadban

BRIDGING REAL-WORLD EXPERIMENTS AND COMPUTER MODELS IN AN UNDERGRADUATE PHYSICS COURSE 2512
L. Bartosovic, P. Demkanin, D. Cervenova

THE IMPACT OF BLENDED LEARNING AND INTERDISCIPLINARY COLLABORATION IN SUMMER SCHOOLS: A CASE STUDY IN RETAIL EDUCATION 2521
F. Guarnieri, G. Gerosa, S. Bürstmayr, K. Quartier, E. Servais

DEVELOPING A STRATEGY FOR SCHOOL SAFETY: USING VIDEO EDUCATION TO ENHANCE EMERGENCY PREPAREDNESS FOR SOFT TARGETS 2532
L. Mariš, A. Veľas

TOWARDS A NOVEL METHODOLOGY THAT IMPLEMENTS THE TRANSFORMATION OF UNIVERSITY DEGREES THROUGH STEAM ∀H PROJECTS 2537
T. Ferrer Dasí, P. Aloy Fortea, N. Montés Sánchez, S. Barquero Pérez

APPLICATIONS IN 3D VOLUMETRIC VIDEO FOR THE PROTOTYPING OF IMMERSIVE AND INTERACTIVE ENVIRONMENTS FOR EDUCATION AND RESEARCH: PROTOTYPING AND COMPONENT INTEGRATION IN EXTENDED REALITY 2544
J.L. Rubio Tamayo, V. Levratto, H. Gómez Gómez

PROMOTING EDUCATIONAL AND FEMINIST TRANSFORMATION THROUGH A SERVICE-LEARNING PROJECT ON DIGITAL GENDER-BASED VIOLENCE 2551
L. Freude, A. Morero Beltrán, E. Almeda Samaranch, M. Domínguez Amorós

BREAKING THE INITIAL BARRIER IN TEACHING NUMERICAL MODELLING TO HIGHER EDUCATION STUDENTS AND JUNIOR RESEARCHERS 2558
J. Domínguez, I. Martínez-Estévez, O. Garcia-Feal, S. Capasso, B. Tagliafierro, C. Altomare, A. Crespo, M. deCastro, M. Gómez-Gesteira

INTEGRATION OF ENVIMET SOFTWARE AS A MEASUREMENT TOOL IN THE URBAN MEDIUM CONDITIONS SUBJECT 2565
X. Oregi, M. Arbulu

DEVELOPING A QUALITY FRAMEWORK AND INSTITUTIONAL POLICY FOR (DIGITAL) LEARNING MATERIALS IN HIGHER EDUCATION 2571
G. Cams, H.L. Meers, S. Verjans, R. Jans, S. Theuwen, J. Willems, G. Gysen, N. Oyen

ARE SMALLER UNIVERSITIES BEING ERASED BY AI? 2578
I. de Waard

BEYOND THE CLASSROOM: EDUCATIONAL DISSEMINATION IN THE DIGITAL AGE THROUGH THE TRANSPAVET PROJECT 2586
C. de Brito, E. García-Roselló, J.A. Solves Almela, B. Ballester Lurbe, J. López Ramon, A. Navarro Serra, M. Muñoz Baquero, M. Lozano Fuentes, M. García-Roselló

DEVELOPMENT OF A WEB-BASED LEARNING ENVIRONMENT THROUGH INNOVATIVE TECHNOLOGIES 2593
S. Shotarova

ACTIVE TRIANGLE KIDS CONCEPT TEST: A LOGIC GAME FOR EARLY CHILDHOOD EDUCATION 2603
J. Mena, J.M. Lorite-Fonta, A. Patrocinio

A PRACTICAL DIDACTIC MODEL FOR DEVELOPING INDUSTRY-RELEVANT ARTIFICIAL INTELLIGENCE SKILLS: BRIDGING ACADEMIA AND BUSINESS 2607
R. Groß, C. Cartwright, K. Freudenthaler, T. Ulrich

THE ROLE OF ASSISTIVE TECHNOLOGIES IN INCLUSIVE EDUCATION FOR CHILDREN WITH AUTISM: BENEFITS AND CHALLENGES 2617
N. Noureddine, W. Barber

LEARNING WHILE PLAYING? EFFECTS OF KAHOOT! IN A HIGHER EDUCATION LANGUAGE COURSE 2625
M. Martínez-Adrián, M.T. Barberán-Recalde, M. Basterrechea, A. Azkarai, A. Calzada, K. Iglesias-Diéguez

DOES NATURE MATTERS? NATURE CONNECTEDNESS OF STUDENTS AND KINDERGARTEN TEACHERS 2633
D. Anđić, M. Sopić

LESSONS LEARNED FROM EDUCATIONAL PSYCHOLOGY: IMPLEMENTING A FINNISH TEACHER EDUCATION COURSE IN AN INTERCULTURAL MIDDLE EAST CONTEXT 2643
M. Talvio, K. Lonka

MODDING FOR COGNITIVE ACCESSIBILITY: EXPERIENCES WITH COMMERCIAL ANALOGUE GAMES AND NEURODIVERGENT PLAYERS 2644
P. Fernandes, C. Casimiro, W. Almeida, H. Monteiro, J. Léste, F. Luz, C. Sousa

NAVIGATING AI IN THE MATHEMATICS CLASSROOM 2654
C. McGlone, M. Greenlee, S. Leinwand

FOSTERING ACTIVE LEARNING IN PHYSICS EDUCATION: AN OPEN-ENDED EXPERIMENTAL APPROACH 2658
J. Martinez-Perdiguero, I. Urcelay, J.J. Gaitero, J. Lafuente, I. Gurtubay, S.J. González-Rojí, H. Manzano

IMPLEMENTATION IN THE CLASSROOM OF NEW METHODS FOR MEASURING ADVERTISING EFFECTIVENESS: PERCEPTIONS, ATTITUDES, AND BEHAVIORS OF UNIVERSITY STUDENTS 2667
V. Ballester Riera, S. Sanz-Blas, D. Buzova, P. Fierro

FROM STAGE TO CLASSROOM: EMBRACING PRESENCE THROUGH SAFETY, CONNECTION, ACCEPTANCE, AND IMPROVISATION IN TEACHING 2668
C. McGlone, M.L. McHugh, K. Marin

A HYBRID METHODOLOGY FOR STRUCTURED PROGRAMMING EDUCATION USING COLLABORATIVE PLATFORMS 2673
J.R. Pérez Beltrán, R.P. Ñeco

TRANSITIONS: THE WORLD OF YOUTH BETWEEN TRANSITIONS, CHALLENGES AND OPPORTUNITIES 2681
C. Giorgis, F. Pisanu, A. Casciano, F. Coletta, L. Menghini, E. Perinelli, M. Vignoli, F. Fraccaroli

STICKY COSTS IN THE CLASSROOM: RETHINKING MANAGEMENT ACCOUNTING EDUCATION FOR REAL-WORLD FINANCIAL CHALLENGES 2688
A. Lucas, G. Azevedo, J. Oliveira, L. Lima Santos

PBL AND MOODLE: AN INNOVATIVE EXPERIENCE FOR STUDENTS IN A "PHYSICS FOR PRIMARY AND EARLY CHILDHOOD EDUCATION" COURSE AT THE UNIVERSITY OF PALERMO 2694
E. Spada, C. Fazio, E. Mignosi, O.R. Battaglia

THROUGH THE LOOKING GLASS: THE EVOLUTION OF COMMUNICATION TECHNOLOGY AND THE DAWN OF A FOURTH EPISTEME 2695
M. Harpham

WHAT MAKES A CAPACITY DEVELOPMENT INITIATIVE SUCCESSFUL? PERSPECTIVES FROM THE SMARTVILLE PROJECT 2705
T.K. Mufeti, T. Saarijärvi

ART AS A TOOL TO MANAGE STRESS: A QUALITATIVE EXPLORATION OF LITHUANIAN UNDERGRADUATE STUDENTS' WELL-BEING 2712
D. Semakov, J. Gogoi

DEVELOPMENT OF STUDENTS' ECOLOGICAL CULTURE USING THE APPROACH OF EXPERIENTIAL LEARNING 2720
E. Masiliauskienė, J. Smilgienė, D. Masiliauskas

EXPLORING STUDENT PERCEPTIONS OF CASE-BASED LEARNING IN A FLIPPED CLASSROOM: A MIXED-METHODS STUDY 2728
L. Banks, R. Kay, S. Lauricella

APPLICATION OF NARRATIVE PLAY IN DEVELOPING COOPERATIVE SKILLS IN PRESCHOOL-AGE CHILDREN 2732
J. Smilgienė, E. Masiliauskienė

FLIPPING THE SCRIPT: UNDERGRADUATE STUDENTS' PERCEPTIONS OF SYNCHRONOUS ACTIVITIES IN THE FLIPPED CLASSROOM 2740
L. Banks, R. Kay, S. Lauricella

EDUCATIONAL METAVERSE - CYBERSECURITY ASPECTS AND CHALLENGES 2745
M.I. Ecevit, A. Feta, R. Creutzburg, H. Dağ

TEACHING THE ITERATOR PATTERN IN INTRODUCTORY PROGRAMMING COURSES 2753
M. Tedeschi, S.S. Arora, S. Belich, A. Shah, C.P. Chauhan, J.N. Munim, D.A. Mengane, D.M. Mehta

A LOW-COST CLIENT/SERVER APPLICATION BASED ON OPEN-SOURCE SOFTWARE FOR E-PRACTICAL WORK ON SOLAR CELLS 2758
S. Hadjoudja, M. Benyamina, A. Adda Benattia, A. Benachenhou

EXPLORING SAUDI HERITAGE AND SUSTAINABILITY THROUGH INTERACTIVE GAMEPLAY 2759
D. Sinnari

IMPACT OF COLLABORATIVE LEARNING ON SELF-REGULATION AND COMMUNITY OF INQUIRY IN ONLINE LEARNING 2767
L. Liu, L. Lin, C. Wang, S. Oyarzun, L. Ramsey

LEVERAGING AI AND MACHINE LEARNING TO IMPROVE STUDENT ENGAGEMENT, LEARNING OUTCOMES, AND TRUST IN EDUCATION 2768
Y. Liu, H. Jiang, B. Zoghi

AI-DRIVEN MENTAL HEALTH FRAMEWORK UTILIZING WEARABLE BIOMARKERS AND LARGE LANGUAGE MODELS FOR STRESS PREDICTION IN GRADUATE EDUCATION 2775
Y. Liu, B. Zoghi

CONQUERING "ARTIFICIAL INTELLIGENCE ANXIETY SYNDROME" (AIAS): STRATEGIES FOR CONSTRUCTING DYNAMIC LEARNING EXPERIENCES AND LIFELONG APPLICATIONS 2783
B. Barrett, C. Miller

UNINTENDED CONSEQUENCES OF TECHNOLOGY-INFORMED ASSESSMENTS: MITIGATING THE RISK OF DISCRIMINATORY EMPLOYMENT DECISIONS 2790
B. Barrett, C. Miller

BUILDING A CREATIVE ENVIRONMENT FOR PRESCHOOLERS IN RURAL NICARAGUA: DESIGN THINKING PROVIDES A PROCESS 2798
P. Lane, B. Mills, J. Benavides

THE TRAINING OF EDUCATORS AND TEACHERS AND THE USE OF MATERIALS IN MATHEMATICS EDUCATION 2805
M.F. Caldeira, M.F. Sampaio

THE CONTRIBUTIONS OF PEDAGOGICAL SUPERVISION IN INITIAL AND CONTINUOUS TRAINING OF EDUCATORS AND TEACHERS IN PORTUGAL 2812
M.F. Sampaio, M.F. Caldeira

PERCEIVED FAIRNESS AND ACCEPTANCE OF AI-MEDIATED DECISIONS IN EDUCATION: A THEORETICAL MODEL, RESEARCH AGENDA, AND TACTICAL RECOMMENDATIONS 2817
R.A. Turner

ELECTROWEB: AN INNOVATIVE APPROACH TO TEACHING ELECTROMAGNETISM THROUGH WEB-BASED ADAPTIVE LEARNING 2828
R.D. Santiago Acosta, E.M. Hernández Cooper, A. Hernandez Medina, R. Gómez Castillo, F. Yescas Martínez

DESIGNING FUTURES: BLENDED INTENSIVE PROGRAMS FOR GLOBAL CHALLENGES 2836
L.A. Cuenca Ramón

INVESTIGATING AGE-SPECIFIC EDUCATIONAL METHODS TO SUPPORT GLAUCOMA PATIENTS IN SELECTING CAR FEATURES FOR SAFE DRIVING 2845
Y. Goda, M. Arame, M. Toda, J. Handa

FROM BUNGLED BREADBOARDS TO MODULAR MASTERY- INTEGRATING MEXLE 2020 AS A MODULAR EXPERIMENTATION FRAMEWORK FOR ELECTRICAL ENGINEERING LABORATORIES 2853
B.A.A.Y. Aboghanima, T. Fischer

THE PRACTICE AND DEVELOPMENT OF ENTREPRENEURSHIP IN THE TEACHING OF MANDARIN CHINESE IN TECHNICAL HIGH SCHOOLS: USING NARRATIVE INQUIRY AS AN EXAMPLE 2863
J.C. Chang, C.H. Tang

USING PROJECT-BASED LEARNING IN TEACHING COMPUTATIONAL VISION AND IOT FOR VEHICLE LICENSE PLATE RECOGNITION IN HIGH SCHOOL STUDENTS 2872
D. Figueira, V. Bremgartner, E. Vieira, T. Souto, D. Reis, I. Silva

DEVELOPMENT OF SIMULATION-BASED ASSIGNMENTS TO FACILITATE STUDENT ACQUISITION OF ENGINEERING CONCEPTS 2880
J. Gonzalez

THE CURRENT STATE OF SENSORY ROOM IMPLEMENTATION IN SPECIAL SUPPORT SCHOOLS AND TEACHERS' EVALUATION OF THEIR ENVIRONMENT IN JAPAN 2886
T. Kumazawa

ENTREPRENEURSHIP EDUCATION IN ITALY AND GERMANY: A DECADE OF COMPARATIVE BIBLIOMETRIC ANALYSIS 2892
M. Farooq, M. Pirina, R. Solinas

EDUCATING INDIVIDUALS WITH DISABILITIES IN GERMANY, SPAIN, ITALY, AND BULGARIA: A COMPARATIVE BIBLIOMETRIC ANALYSIS OF RESEARCH TRENDS, GAPS, AND FUTURE DIRECTIONS 2901
R. Solinas, M. Farooq, M. Pirina

EXPLORING THE INTERSECTION OF DIGITIZATION AND SUSTAINABILITY: A BIBLIOMETRIC ANALYSIS OF THE PAST DECADE 2910
M. Farooq, R. Solinas, M. Pirina

A PROCESS FOR ADDRESSING SOCIOECONOMIC BARRIERS TOWARD RECEIVING THE EDUCATION NECESSARY TO QUALIFY FOR REGIONAL HIGH-SKILL, HIGH-WAGE AND IN-DEMAND OCCUPATIONS IN A RURAL NATIVE AMERICAN TRIBAL COMMUNITY 2918
M. Larson

THE INNOVATIVE USE OF TECHNOLOGY TO SUPPORT INTERPROFESSIONAL EDUCATION (IPE) AND TRAINING THROUGH THE TEXAS INTERPROFESSIONAL EDUCATION CONSORTIUM 2919
K. Hoggatt Krumwiede, R. Bogschutz, B. Tran, D. Farmer, C. Kaunas, V. Young

TEACHING MATHEMATICS USING METAVERSE TECHNOLOGY: OPPORTUNITIES AND CHALLENGES 2924
I.M. Santos, A. Jarrah, A.A. Khan, M. Hasan, S. Shukri Mohammed

IDENTIFICATION OF ENTREPRENEURIAL NEEDS AND CHALLENGES OF COMMUNITIES OF ZAMBIA AND NAMIBIA – EXPERIENCES FROM THE SMARTVILLE PROJECT 2925
T. Saarijärvi, T.K. Mufeti

WHAT DO MANAGERS NEED TO KNOW IN THE FIELD OF ARTIFICIAL INTELLIGENCE? 2932
C. Negură

IMPROVING PRE-SERVICE TEACHERS' UNDERSTANDING OF MULTIPLICATIVE RELATIONS THROUGH A TARGETED TEACHING INTERVENTION 2941
I. Pampallis, C. Mathews

EXPLORING STEM LECTURERS' USE OF ICT TOOLS IN THE CANVAS LMS AT A SOUTH AFRICAN UNIVERSITY 2950
M. Madimabe, E. Nyamupangedengu

THE ROLE OF INCLUSIVE TEACHING IN MEDIATING THE EFFECTS OF PERSONALITY AND EMOTIONALITY ON ADOLESCENTS' SOCIO-EMOTIONAL ADJUSTMENT 2960
C. Lunetti, L. Di Giunta, C. Comitale, C. Riccioni

EMERGING GENERATIVE ARTIFICIAL INTELLIGENCE USE BY EDUCATORS IN THE CALIFORNIA STATE UNIVERSITY SYSTEM 2961
L. Otero, M. Lara, J. Yamashita

UPDATE ON THE IMPACT ASSESSMENT OF THE LEAF PROJECT: 4 YEARS OF EUROPEAN RESEARCHERS NIGHT FOCUSED ON GREEN DEAL TOPICS 2966
R. Donghia, G. Burzachechi, A. Della Ceca, G. Ciocca, E. Diociaiuti, V. Guglielmotti, F. Marchica, M. Martini, S. Pierangeli

USABILITY EVALUATION FOR DATA VISUALISATION OF CULTURAL HERITAGE 2975
E. Villuendas, L. Targa, A. Solbes, I. Coma, J. Sebastián, C. Portalés

EXPLORING THE ROLE OF TEACHER IDENTITY IN ADOPTING DIALOGIC TEACHING PRACTICES IN MATHEMATICS EDUCATION 2985
Z. Jina Asvat

PERCEPTIONS OF AI IN HIGHER EDUCATION: AFFORDANCES AND RISKS FOR STUDENTS WITH SWEDISH AS A SECOND LANGUAGE IN DEVELOPING ACADEMIC LITERACY 2991
H. Dahlström, M. Norberg

SMARTPHONES IN THE CLASSROOM: INVESTIGATING THE IMPACT ON STEM STUDENTS' LEARNING OUTCOMES IN PRIVATE SECONDARY SCHOOLS 2999
F. Nannim, M. Mosia, F. Egara

USES OF AI AND AA IN SECONDARY EDUCATION TO PROMOTE MEANINGFUL LEARNING 3006
M. López

TWO DECADES OF TEACHING FUTURE-ORIENTED MANAGEMENT METHODS - REFLECTING THE CHANGING DEMANDS ON CONTEMPORARY MANAGEMENT EDUCATION AND DEFINING THE IMPLICATIONS FOR THE TEACHING OF MANAGEMENT SKILLS IN A FUTURE MASTER'S PROGRAMME 3011
D. Freudenthaler-Mayrhofer, G. Wagner

EXPLORING THE IMPACT OF DIGITAL STORYTELLING ON ENHANCING LEARNERS' INTEREST IN MATHEMATICS 3020
F. Egara, M. Mosia, F. Nannim

ONLINE 3D MUSEUM BUILDING AS A TOOL FOR TEACHING LOCAL HISTORY 3029
M. Kounalakis

ART- BASED RESEARCH METHODOLOGY AND HISTORY OF EDUCATION THROUGH DIGITAL MEANS 3037
M. Kounalakis

THE VOICE OF UNIVERSITY FRESHMEN ON THEIR FIRST UNIVERSITY EXAMS 3046
I. Barrilà, A. Natalini, G. Di Spirito, G. Benvenuto

FOSTERING UNIVERSITY INTEGRATION THROUGH EXPERIENTIAL LEARNING: AN AUDIOVISUAL PROJECT FOR FIRST-YEAR INTERNATIONAL BUSINESS STUDENTS 3051
J. Suso, J.L. Gasent-Blesa, M.C. Bas, P. Ruiz-Femenía, M.J. Marín

A BRIEF OVERVIEW OF PROJECTS THAT ADDRESS THE DEVELOPMENT OF BASIC SKILLS IN COMPUTING AND INFORMATICS FOR STUDENTS 3059
M. Kerneža, M. Vičič Krabonja, N. Kurbus, D. Hari, A. Flogie, D. Zemljak

ASSOCIATION BETWEEN BILINGUALISM AND ELEMENTS OF WORKING MEMORY: ASSESSING BILINGUAL ADVANTAGE AMONG UNIVERSITY STUDENTS IN SOUTH AFRICA 3065
A.O. Oyejide

USING LITERARY TECHNIQUES TO DEVELOP CREATIVE THINKING IN STEM 3073
M. Kerneža, D. Zemljak

USE OF THE WRITTEN DEBATE AS A FORMATIVE ACTIVITY IN VETERINARY BIOTECHNOLOGY SUBJECT 3079
M.L. Moce, M. García-Roselló, L. Álvarez, E. García-Roselló

TRANSITION DIFFICULTIES: FROM LOWER SECONDARY SCHOOL TO VOCATIONAL EDUCATION AND TRAINING 3084
I. Barrilà, G. Di Spirito

MAPPING DIGITAL TRANSFORMATION IN TEACHING ASSISTANTSHIP: A SCOPING REVIEW OF TECHNOLOGY INTEGRATION, IDENTITY FORMATION, AND PROFESSIONAL DEVELOPMENT IN HIGHER EDUCATION (2015-2024) 3088
A.O. Oyejide

THE EFFECT OF SHADOWING TRAINING ON LEARNERS' MOTIVATION TO LEARN ENGLISH SPEAKING SKILLS: A FOCUS ON INTRINSIC, ATTAINMENT, AND UTILITY VALUES IN BEGINNER-LEVEL WORKPLACE ENGLISH COURSES AT A UNIVERSITY IN NORTHERN TAIWAN 3096
J.C. Chang, T.N. Yu

DIGITAL HERITAGE AND CULTURAL ANALYSIS (DHECA): FOSTERING INTERDISCIPLINARY INNOVATION IN HERITAGE STUDIES 3105
B. Palma, A. Solbes, A. Nieto-Villena, I. Pérez Folgado, M. Gaitán, A. León, E. Alba Pagán, C. Portalés

TEAM COMPETITION AS A GAMIFICATION STRATEGY IN THE PSYCHOLOGY OF PHYSICAL ACTIVITY AND SPORTS: INITIAL RESULTS 3113
S. Agut Nieto, L. Sales Trisol, C. Hernández Blasi, F.A. Lozano Nomdedeu

EVALUATING AI-GENERATED MULTIPLE-CHOICE EXAM QUESTIONS IN ROBOTICS EDUCATION 3119
S. Pöysäri, N. Siltala, J. Latokartano

FACILITATING INCLUSION: GRADE 5 EDUCATORS' VIEWS ON THE EFFECTIVENESS OF REMEDIAL PROGRAMS IN A GAUTENG PRIMARY SCHOOL 3128
Z. Mohammed, S.P. Dlamini

STUDENTS' EXPERIENCES OF A FLIPPED CLASSROOM IN BUSINESS MATHEMATICS IN AN INTERNATIONAL ENVIRONMENT 3135
J. Heikkilä, T. Ihamäki, T. Kohonen

GAMIFY TO SIMPLIFY: A NARRATIVE REVIEW OF STRATEGIES TO OVERCOME PROCRASTINATION 3142
M. Sushchevskaia, R. Di Fuccio

ENHANCING INCLUSION IN GRADE 10 ENGLISH LANGUAGE CLASSES THROUGH SPECIAL EDUCATION INTERVENTIONS: A PHENOMENOLOGICAL STUDY 3149
N. Mdinwa, S.P. Dlamini

INCORPORATING GRAPHICAL METHODS AND AI IN ENGINEERING EDUCATION FOR ENHANCED LEARNING 3158
D. Makutėnienė

APPLICATION OF THE TALE-BOT ROBOT FOR DEVELOPING EXECUTIVE FUNCTION IN PLANNING AND ORGANISATION IN CHILDREN WITH AUTISM SPECTRUM DISORDER: PILOT TEST 3165
E. Pérez-Vázquez, A. Gilabert-Cerdá

GRASPING TECHNOLOGICAL CONCEPTS WITH DATA-DRIVEN COMPUTATIONAL TOOLS 3173
M. Santos Peñas, R. Fernández Fernández, M. Tomás-Rodríguez, L. García-Pérez

THE ROLE OF THE PSEUDO-TUTOR IN THE FINAL DEGREE PROJECT: A PRACTICAL CASE ON WIND ENERGY 3179
S. Esteban San Román, E.G. Muñoz-Palomeque, M. Santos Peñas, J.E. Sierra-García

CHATGPT IN EDUCATION: BALANCING BENEFITS AND CONCERNS 3186
M. Markovic, Z. Stanisavljevic Petrovic, D. Pavlovic

RAPID EFFECTIVE PRACTITIONER PRODUCTIVITY SESSIONS (REPPS) 3195
D. Dickerson, M. Headen, M. Huffman, J. Stanley, C. Berry, R. Bradford

RECONCEPTUALIZING THE PENTAGON MODEL OF PEDAGOGICAL CONTENT KNOWLEDGE: A VALUE-DRIVEN APPROACH TO SCIENCE TEACHING 3196
E. Ajayi, E. Nyamupangedengu

UNLOCKING THE DATA DUNGEONS OF HIGHER EDUCATION (HE) 3204
A. Kitchenham, D. Holley, D. Biggins

INTEREST OF FINAL-YEAR HIGH SCHOOL STUDENTS IN SERBIA IN BIOLOGY AND ECOLOGY STUDIES 3213
T. Pribićević, T. Lazarević, V. Županec, M. Ilić

THE IMPORTANCE AND APPLICATION OF THE STEM METHOD IN IMPLEMENTING EXTRACURRICULAR ACTIVITIES IN BIOLOGY IN ELEMENTARY SCHOOL 3221
T. Lazarević, T. Pribićević, V. Županec, D. Pušković

EFFECTIVE VOCATIONAL E-LEARNING THROUGH OPEN AND INTERACTIVE SIMULATION ENVIRONMENTS 3226
R. Grammenos, G. Milis, D. Gavriel, K. Van Isacker

STRATEGY AND METHODOLOGY FOR THE PROTECTION OF SOFT TARGETS IN PRIMARY, SECONDARY, AND HIGHER EDUCATION INSTITUTIONS 3236
L. Mariš, A. Veľas, Ľ. Sokolová

GENERATIVE AI APPLICATION IN HIGHER EDUCATION, A CASE STUDY 3241
M.J. Diepeveen, H. Westbroek, J. van Muijlwijk-Koezen, D. Scholten

ENHANCING INTERCULTURAL COMMUNICATION IN HEALTHCARE THROUGH PROJECT BASED FOREIGN LANGUAGE TEACHING 3242
S. Nikolova, B. Dimitrova, M. Todorov

A FRAMEWORK FOR DESIGNING AND IMPLEMENTING GUIDED PLAY ACTIVITIES IN SCHOOLS 3249
L. Ndabezitha

THE NEED FOR REPRODUCTIVE HEALTH EDUCATION FROM THE PERSPECTIVE OF UNIVERSITY STUDENTS 3250
I. Janković, M. Mitrović, J. Opsenica Kostić, M. Spasić Šnele, M. Guberinić, N. Ćirović

FACTORS AFFECTING SUSTAINABLE APPLIED STEM EDUCATION: PATTERNS, ISSUES AND INSIGHTS 3256
T. Mill, O. Ovtšarenko

BASIS FOR DEVELOPING DIGITAL COMPETENCES OF STUDENTS WITH SPECIAL NEEDS ON THE EXAMPLE OF THE DIGCOMP PP PROJECT 3263
D. Zemljak, A. Flogie, D. Hari, N. Kurbus, M. Vičič Krabonja, M. Kerneža

DEVELOPING COMMUNICATION AND ANALYTICAL THINKING IN STEM THROUGH LANGUAGE DIDACTICS 3271
D. Zemljak, M. Kerneža

PEDAGOGICAL REFLECTIONS ON TEACHING LEADERSHIP IN BUSINESS ADMINISTRATION AND NURSING IN MASTER'S LEVEL ONLINE COURSES 3277
A.K. Olsson, K. Areskoug Josefsson

GREEN HUMAN RESOURCES MANAGEMENT AND EMPLOYEE WELL-BEING PRACTICES FOR SUSTAINABLE ORGANIZATION MANAGEMENT: LATVIAN HIGHER EDUCATION CASE STUDY 3287
M. Lescevica, Z. Gusta

PRACTICE OF LOW-COST DISASTER EDUCATION USING SIMPLE VIRTUAL REALITY GOGGLES IN PRIMARY AND SECONDARY EDUCATION 3297
A. Hirata, K. Yoshihara, K. Watanabe

IBIS ECO PROJECT: ACTIVE LEARNING AND AI-DRIVEN EDUCATION ENHANCING AWARENESS ON IEQ AND ENERGY EFFICIENCY IN BUILDINGS 3304
S. Colace, C. Cosmi, R. Caggiano, G. Gigliotti, S. Di Leo, M. Proto, S. Sabia, F. Filice, S. Laurita

A PROPOSAL FOR A COMPOSITE INDEX AT SCHOOL-LEVEL IN THE ITALIAN CONTEXT 3306
M. Marsili, F. Noccioli, P. Falzetti

TEACHERS' REFLECTIONS ON DIGITALLY ENHANCED WORK-INTEGRATED LEARNING IN PHD EDUCATION 3307
K. Areskoug Josefsson, A.K. Olsson

ERASMUS+ STAFF MOBILITY FOR TEACHING - KA 131- 2022 AND 2023. CASE STUDY: AERES UNIVERSITY OF APPLIED SCIENCES IN DRONTEN (NL) AND UASVM IN CLUJ-NAPOCA (RO) 3312
C.N. Albert, M. Mihai, C. Brienesse

STUDENTS AT RISK OF SCHOOL FAILURE IN ITALIAN CONTEXT: A MACHINE LEARNING APPROACH 3319
F. Noccioli, M. Marsili, P. Falzetti

HEY CHAT GPT, CAN YOU WRITE MY PAPER? INVESTIGATING THE IMPACT OF AI TOOLS ON STUDENTS' PERFORMANCE 3320
A. Rottensteiner, T. Spieß, M. Posch, C. Ploder, R. Bernsteiner

GAMIFICATION AS A WAY TO REDUCE TECH EXCLUSION AND IMPROVE DIGITAL EDUCATION FOR SENIORS 3324
A. Mocanu, C. Ciobanu, M. Georgescu, T. Ciobanu

EXPLORING THE IMPACT OF DIGITALISATION IN A GRADE 10 CLASSROOM WITH LEARNERS WITH ADHD: A META-ANALYSIS 3330
K. Banda, R. Dlamini

INCLUSIVITY THROUGH THE USE OF DIGITAL TOOLS IN TEACHING AND LEARNING: A SOUTH AFRICAN PERSPECTIVE 3337
B. Mahano, R. Dlamini

DEVELOPING ONLINE MICRO-CERTIFICATION MODULES FOR DIGITAL COMPETENCY OF LECTURERS IN HIGHER EDUCATION IN INDONESIA 3346
P. Pannen, R. Dwi Riyanti, A. Hibatul Jameel

UNLOCKING STUDENTS' MINDS: AN INTEGRATED STEAM APPROACH 3354
M. Dobečková, Z. Václavíková, R. Maršálek, J. Škrabánková

USING AN LLM-BASED FRAMEWORK TO ANALYZE THE STUDENT PERFORMANCE 3359
A. Fernández-Isabel, C. Lancho, I. Martín de Diego, A. Udías, A. Alonso-Ayuso, C. Alfaro, E. López, F. Ortega, J. Gómez, J. M. Moguerza, M.J. Algar

USE OF AUGMENTED REALITY TO ENHANCE WORKING MEMORY IN INDIVIDUALS WITH AUTISM SPECTRUM DISORDER: A CASE STUDY 3368
A. Gilabert-Cerdá, E. Pérez-Vázquez

PRE-SERVICE TEACHERS MAINTAINED THEIR OWN SELF-EFFICACY DURING THE COVID-19 PANDEMIC 3377
R. Tynan, A. Mallaburn

DEVELOPMENT OF THE CHINESE VERSION OF THE "MUSIC ISLAND" APPLICATION 3385
L. Yihan, N. Szabó, T.Z. Oo, K. Józsa

EDUCATION FOR SUSTAINABLE DEVELOPMENT IN THE PRE-SCHOOL PERIOD 3395
D. Sivevska, S. Stavreva Veselinovska, S. Petrovska

THE USE OF AI IN EDUCATIONAL STANDARDISED TESTING: A SCOPING REVIEW 3404
C. De Santis, F. La Russa, R. Marzoli, A. Mastrogiovanni

INFORMATION SECURITY THREATS IN HIGHER EDUCATION: AN UPDATE ON BEST PRACTICES 3412
A. Zappala

INTEGRATING THE 5ES MODEL IN INQUIRY-BASED LEARNING: A FRAMEWORK FOR DEVELOPING 21ST-CENTURY SKILLS AND ADVANCING GLOBAL GOALS 3413
I. Rodrigues

ALCHEMY: MAGIC AND ILLUSION IN SCIENCE EDUCATION 3419
R. Tynan

THE DESCRIPTOR OF READING COMPREHENSION PROFICIENCY IN THE INVALSI TESTS AT LOWER AND UPPER SECONDARY LEVEL: EDUCATIONAL IMPLICATIONS FOR TEACHERS AND STUDENTS 3429
A. Mastrogiovanni

NEW CHALLENGES IN HIGHER EDUCATION AND THE CETYS MULTI EXPERIENTIAL MODEL 3430
L. Beltrán, A. Gárate, F. León

COMPUTATIONAL THINKING EDUCATION FOR DIVERSITY AND INCLUSION (COTEDI) – AN OVERVIEW FROM AN INVENTORY SURVEY 3436
N. Fanchamps, M. Zapata-Cáceres, E. Martín-Barroso, R. Klemke, K.A. Mat Sanusi, D. Majonica, C. Glahn, J. Rico, M. Milrad, K. Lindwall, S. Tavajoh

ASTRONOMY AS A GATEWAY SCIENCE FOR EDUCATION: AN ANALYSIS OF THE PORTUGUESE COMPULSORY SYLLABUS 3446
I.A. Costa, H. Lopes, M.J.P.F.G. Monteiro

ENHANCING ENGAGEMENT: COOPERATIVE LEARNING TO OVERCOME TRAINING BARRIERS IN DATA STRUCTURES AND ALGORITHMS 3453
P. Martí, S. Nadal, F. Enguix, J. Jordán

USE OF DIGITAL TOOLS IN FOOD ENGINEERING CURRICULA – A CASE STUDY: ULTRASONIC MONITORING OF FOOD PROPERTIES AND DEFECTS DETECTION 3463
M. Contreras, A.S. Giacomozzi, V. Sanchez-Jimenez, J. Benedito Fort, J.V. Garcia-Perez

EXPLORING CHILDREN'S EMOTIONAL INTENSITY THROUGH ART-BASED METHODS 3470
M.L. Menano, I.M. Santos, C. Habak, T. Amatullah, S. Saqr

STUDENTS' PERCEPTIONS OF THEIR PARTICIPATION IN DECISION-MAKING PROCESSES IN LOWER SECONDARY SCHOOLS IN ROME: FIRST RESULTS FROM A CASE STUDY RESEARCH 3471
F. Fioretti, M. Valerio, V. Damiani

EXPLORING THE OPPORTUNITIES AND CHALLENGES OF DIGITAL PLATFORM USE IN THE CONTEXT OF SECONDARY SCHOOLS 3481
A. Gouseti, T. Shaw

WORKING AND LONG-TERM MEMORY DEFICITS IN DEVELOPMENTAL DYSLEXIA 3482
M. Chalmpe, F. Vlachos

UTILISING LOCAL MEDIA RESOURCES TO TEACH ENVIRONMENTAL AND SUSTAINABILITY ISSUES: INSIGHTS FROM THE DAILY MAVERICK'S 'OUR BURNING PLANET' SERIES IN SOUTH AFRICA, 2019 – 2024 3488
N. Ndumeya

INVESTIGATING THE RELATIONSHIP BETWEEN GRAPHO-MOTOR SKILLS AND EMERGENT LITERACY IN PRESCHOOL CHILDREN 3493
G. Leriou, F. Vlachos, M. Chalmpe

IMPACT OF TRANSLINGUAL PHENOMENA ON COLOR PERCEPTION: IMPLICATIONS FOR LANGUAGE LEARNING 3499
M. Novikova, P. Novikov

IMPROVING STUDENT PERFORMANCE USING AN EVIDENCE-BASED APPROACH TO IDENTIFY TARGETED STUDENT SUPPORTS, AT IRELAND'S TECHNOLOGICAL UNIVERSITY OF THE SHANNON 3503
O. Ross, J. Collins, J. Griffin, T. Prendergast, F. O'Connell

INTEGRATING STEM INTO SCIENCE EDUCATION OF PRE-SERVICE TEACHERS: INNOVATIONS FROM WORKSHOP PROJECTS 3508
Z. Václavíková, R. Maršálek, M. Dobečková, J. Škrabánková

REIMAGINING PLAY: AFFORDABLE STRATEGIES FOR TRANSFORMING UNIVERSITY LEARNING SPACES 3513
J. Simpson

STUDY OF THE POSSIBILITIES OF COOPERATION BETWEEN ENTERPRISES AND FREE INNOVATORS WITHIN A SELECTED REGION OF SLOVAKIA 3522
T. Corejova, M. Kincl, A. Valicová

PROMOTING COMPUTATIONAL THINKING IN PRIMARY EDUCATION: AN UNPLUGGED APPROACH WITH TEAM-BASED ACTIVITY 3528
J. Škrobar, N. Golob, A. Flogie

A LINK BETWEEN SOCIAL SUSTAINABILITY PROJECTS AND STUDENTS' SATISFACTION WITH THEIR STUDIES 3533
V. Mickevičienė, I. Piščikienė

FROM FREE STORYTELLING TO NARRATIVE SKILLS: A CORPUS-BASED EXAMINATION OF PRESCHOOL CHILDREN'S STORYTELLING 3541
V. Velicki

INTERPLAY OF TEACHERS' PSYCHOLOGICAL WELL-BEING, VICTIMIZATION AND CRITICAL THINKING: FROM SCOPING TO MAPPING REVIEW 3546
J. Pivoriene, V. Indrasiene, A. Dirzyte, V. Jegeleviciene, O. Merfeldaite, D. Penkauskiene, R. Prakapas, A. Railiene, J. Sadauskas, R. Bitinaite-Motiejuniene

EMPOWERING ADULTS' CIVIC ENGAGEMENT AND LIFELONG LEARNING: THE IMPACT OF THE CITIZENS XELERATOR PROJECT ACROSS EUROPE 3555
M. Reis, A. Monteiro, A.B. Oliveira, M. Rodrigues

DEVELOPING WORKFORCE SKILLS: THE CASE OF CONTINUOUS VOCATIONAL EDUCATION AND TRAINING IN GEORGIA 3560
S. Idadze

ADVANCING HUMANOID ROBOT AND AI SPEECH TECHNOLOGY INTEGRATION IN CLASSROOMS: A STUDY ON FINE-TUNED LANGUAGE MODELS FOR ENHANCED STUDENT ENGAGEMENT AND LEARNING OUTCOMES 3565
D. Hari, M. Kerneža, M. Vičič Krabonja, I. Pesek, D. Zemljak, N. Kurbus, A. Flogie

TEACHING MODULES UTILIZING EMERGING TECHNOLOGIES ACROSS EDUCATIONAL LEVELS AND SECTORS 3572
R. Lamscheck-Nielsen, G. Majgaard

THINK TWICE: REVOLUTIONIZING MEDIA LITERACY WITH MODULAR WORKSHOPS FOR EDUCATORS 3582
M. Reis, A. Monteiro, A.B. Oliveira, M. Rodrigues

EMPLOYING DIGITAL TWIN TECHNOLOGY TO IMPROVE PERSONALIZED CARE FOR OLDER ADULTS WITH HYPERTENSION (RENEW) 3587
C. Ciobanu, O. Cramariuc, A. Mocanu, A. Sandu, T. Ciobanu

CURIOSITY IN ACTION: PREPARING ADAPTABLE GRADUATES FOR THE DIGITAL AGE 3592
J. Simpson

FLIPPED LEARNING AND E-EVALUATION IN A COMPUTATIONAL CHEMISTRY COURSE 3599
M.J. Trujillo-Rodríguez, J. Pasán, C.J. Saavedra-Fernández

PERSONALIZED AI EDUCATIONAL TUTOR: A FRAMEWORK FOR CUSTOMIZED STUDENT EDUCATION 3608
A. ElMessiry

ENHANCING THE UNDERSTANDING OF STATISTICAL INFERENCE THROUGH AI TOOLS: A SIMULATION-BASED ACTIVE LEARNING APPROACH 3613
R.D. Santiago Acosta, E.M. Hernández Cooper, F. Yescas Martínez, J.C. Del Valle Sotelo

DIGITAL TRANSFORMATION OF GEORGIAN HIGHER EDUCATION - FROM CRISIS TO OPPORTUNITY 3621
I. Grdzelidze, S. Idadze, T. Mamrikishvili

ASSESSMENT FOR MARKS OR LEARNING? INTERROGATING STUDENTS' FIXATION WITH MARKS AS OPPOSED TO FEEDBACK AND LIFE-LONG LEARNING 3625
N. Ndumeya

TEACHING FOR TOMORROW: EMBEDDING INTO VOCATIONAL TRAINING IN GEORGIA 3630
T. Mamrikishvili

MATHEMATICS ANXIETY AND MATHEMATICS RESILIENCE IN HIGH-RISK HIGHER EDUCATION STUDENTS 3634
J. Smith

RESEARCH OF BULGARIAN TEACHERS' READINESS TO FORM COMPETENCES FOR SUSTAINABLE DEVELOPMENT THROUGH AN INTEGRAL APPROACH 3635
Z. Raykova, S. Petrova, D. Karagyozova-Dilkova

TECHNOLOGY RESOURCES FOR BLENDED LABORATORY TEACHING IN AN ELECTRONIC INSTRUMENTATION COURSE 3643
C. Medrano-Sánchez, J.C. García-López, I. Plaza-García, G. Palacios-Navarro

INTEGRATING PROJECT-BASED LEARNING AND FLIPPED LEARNING MODELS: A HYBRID APPROACH TO COMPETENCY-BASED HIGHER EDUCATION IN THE ARTIFICIAL INTELLIGENCE ERA 3649
L.M. Cornejo-Bueno, J. Pérez-Aracil, C. Peláez-Rodríguez, S. Jiménez-Fernández, E. Alexandre-Cortizo, J.A. Portilla-Figueras, S. Salcedo-Sanz

USE OF ARTIFICIAL INTELLIGENCE TO INNOVATE IN THE CLASSROOM BY DEFINING LEARNING STYLES AND MINDSETS IN HIGHER EDUCATION STUDENTS AT A PRIVATE UNIVERSITY 3650
I.M. González-Treviño, V. Tena Jiménez

SELFIE AS AN INSTRUMENT FOR IDENTIFICATION OF PEDAGOGICAL DIGITAL COMPETENCE AREAS IN NEED OF IMPROVEMENT - A COMPARATIVE PERSPECTIVE BETWEEN TEACHERS AND THEIR UNIVERSITY TRAINERS 3655
B. Mizova, R. Peytcheva-Forsyth, V. Racheva

IMPROVING EDUCATION AND THE UNDERGRADUATE EXPERIENCE: AN ANALYSIS OF MOHAMMED FIRST UNIVERSITY'S USE OF ROSETTA STONE FOR ONLINE EDUCATION 3665
I. Moulay Rachid, H. Zahout, R. Nasri

THE INTEGRAL APPROACH IN NATURAL SCIENCE EDUCATION - CHALLENGES AND PERSPECTIVES 3670
S. Petrova, Z. Raykova, D. Karagyozova-Dilkova

APPLICABILITY OF CHATGPT FOR GENERATING AND SOLVING OF EXERCISES IN MATRIX CALCULATIONS 3671
M. Bako

EMPOWERING ARCHITECTURE STUDENTS IN CITATION MANAGEMENT 3681
R. Montuori, L. Gilabert-Sansalvador

MODERN METHODS IN TEACHING PROGRAMMING 3687
R. Fojtik

"JENGA IN A BIG WAY": PLAYFUL INNOVATION IN THE TEACHING OF STRUCTURAL ENGINEERING CONCEPTS 3693
A. Mena-Alonso, D.C. González, H. Gonzalo-Orden, J. Mínguez, M.A. Vicente

EXAMINING THE ADVANTAGES AND BARRIERS OF ARTIFICIAL INTELLIGENCE INTEGRATION IN HIGHER EDUCATION INSTITUTIONS: A CASE STUDY OF STUDENTS AT THE FACULTY OF LETTERS AND HUMAN SCIENCES, MOHAMED FIRST UNIVERSITY, OUJDA 3701
H. Zahout, I. Moulay Rachid, R. Nasri

EDUCATIONAL IDENTITY: ASSOCIATION WITH IDENTITY RESOLUTION AND SUBJECTIVE WELL-BEING 3709
J. Opsenica Kostić, M. Mitrović, I. Janković, N. Ćirović, M. Spasić Šnele, M. Guberinić

THE DISCURSIVE MECHANISMS OF TEACHERS' DIGITAL PROFESSIONAL DEVELOPMENT: A QUANTITATIVE APPROACH 3714
C. Matta, S. Nordmark, K. Holmberg, M. Davidsson, J. Rack, I. Masiello

GAMIFICATION AS A LEARNING STRATEGY IN MEDICINAL CHEMISTRY 3723
J.A. Ramiro-Bonet, D. Casado-Jurado, G. Mártinez-Muñoz, E.J. Delgado-Pujol, A. Alcudia, M. Merinero de los Santos, D. Rodríguez-Lucena, J. Vázquez, A. Castillejo, M. Pérez-Aranda, B. Begines

ENHANCING CHEMISTRY LAB LEARNING THROUGH GAMIFICATION 3729
D. Casado-Jurado, J.A. Ramiro-Bonet, G. Martínez-Muñoz, E.J. Delgado-Pujol, M. Merinero de los Santos, D. Rodríguez-Lucena, J. Vázquez, A. Castillejo, B. Begines, M. Pérez-Aranda, A. Alcudia

ACADEMIC READING CHALLENGES EXPERIENCED BY FIRST-YEAR UNIVERSITY STUDENTS AND THE READING INTERVENTIONS THAT CAN IMPROVE THEIR READING SKILLS 3735
U.M. Chimenya

GIVING EQUAL ATTENTION TO TEACHING BOTH READING AND WRITING TO PROMOTE ACADEMIC SUCCESS AMONG FIRST YEAR UNIVERSITY STUDENTS 3742
U.M. Chimenya

A PROPOSAL FOR THE DESIGN OF A KNOWLEDGE-BUILDING SYSTEM TO DEVELOP COMPUTATIONAL THINKING SKILLS IN MIDDLE SCHOOL STUDENTS: MOBIFORUM 3748
M.A. Arıcı, S.B. Kert, T. Uğraş, M.F. Erkoç, N. Atlas, B. İbrişim, B. Çınarcık

USING ACTIVE TEACHING AND LEARNING PRACTICES TO CONTRIBUTE TO THE SDGS: CASE OF FIVE MARKETING- AND BUSINESS-RELATED COURSES 3749
S. Filipe, T. Aragonez, I. Saur-Amaral

USING AN EXPERIENTIAL APPROACH TO ENGAGE UNIVERSITY STUDENTS IN ADDRESSING CURRENT RESEARCH CHALLENGES 3758
F.M. Ugliotti, E. Stradiotto

THE USE OF SUMMARY NOTES/CHEAT SHEETS DURING AN EXAMINATION FOR IT HONOURS STUDENTS IN AN INFORMATION SECURITY MODULE 3768
L. Drevin

THE NATURE OF IDENTITY WORK BY TEACHERS DURING A POST GRADUATE EDUCATION COURSE 3776
B. Wilson-Thomson

ENHANCING PHYSICS EDUCATION WITH ALTERNATIVE SOFTWARE: FOCUSING ON COLLABORATION AND PHYSICAL EXPERIMENT RESULTS ANALYSIS 3781
K. Tsogankov, E. Safiulina, O. Labanova

INTERNATIONAL COLLABORATION FOR THE CREATION OF TRAINING COURSES IN THE MARINE ENVIRONMENT FIELD 3787
A. Peña, J.M. Blanco, I. Bidaguren, G.A. Esteban, D. Boullosa, E. Madrazo, A. Sarrionaindia

THE CONTRIBUTION OF MACHINE TRANSLATION TO THE PRESERVATION OF REGIONAL LANGUAGES IN SPAIN 3794
K. Papaioannou, N. Karanikolas, E. Papaioannou

CO-CREATION AND ACTIVE LEARNING WITHIN HIGHER EDUCATION STUDENTS 3804
A.S. Coelho, A. Lisboa, B. Bittencourt, R. Pires

HOW CAN AI SUPPORT AFRICAN LANGUAGE TEACHING AT TERTIARY INSTITUTIONS? 3813
B. Wilson-Thomson, I.P. Thete

THE RELATIONSHIP BETWEEN ARTIFICIAL INTELLIGENCE AND KNOWLEDGE TRANSFER IN THE LIGHT OF CHANGING CONCEPTS OF KNOWLEDGE AND LEARNING (THE TRIANGLES OF CONSCIOUS USE OF AI) 3818
V. Vass

THE IMPACT OF TECHNOLOGY ON THE LITERATURE PUBLISHING INDUSTRY IN SPAIN 3826
K. Papaioannou, N. Karanikolas, E. Papaioannou

ABOUT THE IMPLEMENTATION OF THE SERVICE-LEARNING METHODOLOGY FOR HIGHER EDUCATION AT THE UNIVERSITY OF THE BASQUE COUNTRY 3832
J.M. Blanco, A. Peña, E. Urtaran, A. Gamarra, I. Albaina, U. Izquierdo

ART-BASED AND DIALOGICAL APPROACHES TO TEACHER IDENTITY DEVELOPMENT IN HONOURS-LEVEL TEACHER EDUCATION 3842
B. Wilson-Thomson, Z. Jina Asvat

INTERACTIVE LEARNING OF RELIABILITY THEORY USING SHINY 3848
M.L. Gámiz Pérez, F. Navas Gómez, R. Nozal Cañadas, R. Raya Miranda

BEST PRACTICES IN DEVELOPING AND ASSESSING INTERCULTURAL COMPETENCE 3855
M. Rathburn

RETHINKING ASSET MANAGEMENT WORKFORCE TRAINING THROUGH DESIGN THINKING AND NEW TECHNOLOGIES 3856
F.M. Ugliotti

POPULARITY OF BIOLOGY TEACHING TOPICS AND TEACHERS' MOTIVATION OF PUPILS 3866
M. Sodomková, L. Pavlasová, Ľ. Rybanský

INNOVATIVE PEDAGOGICAL STRATEGIES FOR AI LITERACY IN STEM EDUCATION: A SYSTEMATIC REVIEW AND PRACTICAL IMPLICATIONS 3867
E.M. Gomis, C. Perea

AN AUTOMATIC STUDENT GROUPING WITH A NETWORK-BASED ALGORITHM: INCORPORATING STUDENTS' PREFERENCES 3868
T. Vallès-Català

BRIDGING PEDAGOGICAL INNOVATION AND RIGOR: ACADEMIC PERFORMANCE IN FINANCIAL CURRICULAR UNITS OF ONLINE DEGREE PROGRAMS IN PORTUGAL 3869
D. Monteiro, A. Lucas, A.L. Marques, C. Costa

USE OF LOW COST BUOYS TO SUPPORT COURSE BASED UNDERGRADUATE RESEARCH EXPERIENCES IN GEOGRAPHY 3879
J.S. Dickerson, J.C. Dickerson, D.L. Dickerson

ACTIVE LEARNING METHODS IN THE EYES OF STUDENTS 3880
D. Velichová, J. Gabková

HIGHER EDUCATION STUDENTS' ENTREPRENEURIAL INTENTION 3885
S. Nascimento, A.P. Nascimento, S. Alves, R. Esteves Pimenta

UNIVERSITY LIBRARIES AND RESEARCH PROCESSES: EXPLORING THEIR CONTRIBUTION TO KNOWLEDGE DEVELOPMENT IN HIGHER EDUCATION 3890
S. Alfaro-Jimenez, J. Berbegal-Mirabent, M.R. de la Torre Martínez

ASSESSMENT INSTRUMENTS FOR MEASURING COGNITIVE AND NON-COGNITIVE COMPETENCIES IN UNIVERSITY ADMISSION PROCESSES IN SPAIN 3900
M. Sánchez-Martín, J. Luesia, J.F. Plaza, S.G. Sireci

ENHANCING STUDENT ENGAGEMENT AND SUPPORT IN LARGE SCIENCE COURSES 3901
L. Ly

SUCCESSFUL STRATEGIES FOR BUILDING COMMUNITY WITHIN AN ONLINE LEARNING ENVIRONMENT 3902
R. Branch

AN ANALYSIS OF THE EFFECT OF FEEDBACK ON A FINGER POINTING AND CALLING TRAINING SYSTEM FOR NURSES 3903
A. Urashima, T. Toriyama

WEB PAGE BROWSING SUPPORT BY HIGHLIGHTING FOCUSED AREAS USING GAZE INFORMATION OF OTHERS 3909
S. Mochizuki, H. Takada

DEVELOPMENT OF A NETWORK-BUILDING EXERCISE SYSTEM FOR ONLINE LEARNING USING SLACK 3914
K. Yoshihara, N. Iguchi

ADOPTION AND INFLUENCE OF EDUCATIONAL INNOVATIONS IN THE CONTEXT OF THE PANDEMIC: A STUDY IN CHEMISTRY TEACHING FOR ENGINEERS 3923
M.C. González-Cortés, A. Ramírez-Portilla, L. Ramírez-Portilla

TEST-RETEST RELIABILITY OF CARDIAC AUSCULTATION SKILLS AT A CLINICAL SIMULATION CENTER IN VIETNAM 3928
N.P.T. Nguyen, N.P.M. Le, T.N.L. Nguyen, T.T. Tran, T.T. Trinh, T.T. Cao, T.L.A. Nguyen, P.Q.P. Bui, T.N.B. Cao, T.M.L. Nguyen, T.T.P. Mai, T.C. Nguyen

ERGONOMIC RISK ASSESSMENT IN YOUTH'S MOBILE DEVICE USAGE: AN INDUSTRIAL ENGINEERING APPROACH WITH OPTITRACK MOTION CAPTURE 3934
M.L. Torres-Barreto, L.E. Bautista Rojas, O.E. Contreras Pacheco

A PRELIMINARY STUDY ON USING SVM TO ANALYZE CHANGES IN TEACHER VOICE STYLES FOR KEY DURATION DETECTION IN LECTURE ARCHIVES 3942
L. Xiaoting, G. Wen, P. Siritanawan, H. Shinobu

TRANSFORMING EDUCATION THROUGH OPEN PEDAGOGY: AN OPEN PEDAGOGY LAB INITIATIVE 3952
J. Mena, A. Fernández, M.C. Sánchez, J. Martín, M. Martín-del-Pozo, R. Sánchez-Prieto

COMPARATIVE ANALYSIS OF THE USE OF THE INTELLECTUAL PROPERTY LAW LEARNING SUPPORT SYSTEM BY ENGINEERING STUDENTS: EXAMINING FUTURE LEARNING SUPPORT SYSTEMS BY COMPARING BEFORE, DURING, WITH, AND AFTER COVID-19 3957
T. Akakura

CREATING KNOWLEDGE TESTS AND TEST QUESTIONS USING ARTIFICIAL INTELLIGENCE 3966
V. Stoffová, V. Gabaľová

SOLVING "ONE PIECE" OF THE PUZZLE: A "TREASURE HUNT" OF MEDICATION HAZARDS FOR SAFETY TRAINING IN A VIRTUAL MEDICATION HORROR ROOM 3972
K.Y.-L. Yap, J.M.M. Perez, F.B.S. Quek, S. Leow, L.M. Caina, J.A. Wong, Y.C. Lee, S.J. Yong, S.D.H. Raj, P.Y.W. Fan

IMPACT OF ORGANIZATIONAL CULTURE ON TEACHERS' REGULATION OF EMOTIONS IN ARAB PALESTINIAN HIGH SCHOOLS INSIDE ISRAEL 3979
M. Awad Hijazi

EXPLORING EARLY CHILDHOOD INTERVENTION IN ITALY: AN EMPIRICAL STUDY OF FAMILY-CENTERED AND TRANSDISCIPLINARY APPROACHES 3980
A. Rektina

INTEGRATED STEM TEACHING – AN APPROACH TO PROBLEM-SOLVING WITH AN EMPHASIS ON PHYSICS 3986
J. Škrabánková, M. Dobečková, R. Maršálek, Z. Václavíková

THE INFLUENCE OF THE ACCURACY OF THE IMPLEMENTATION OF VALUES IN A PROGRAMMING LANGUAGE ON THE ACCURACY OF SOLVING THE PROBLEM 3995
V. Stoffova, R. Horváth, J. Udvaros

EXPLORING THE ROLE OF NEW MEDIA LITERACY: EMPOWERING PARENTS THROUGH A TRAINING PROGRAM 4003
M. Çınar, H. Boz

EXPLORING GENDER-BASED PERSPECTIVES ON ATTITUDES TOWARD AI: A MULTIDIMENSIONAL FRAMEWORK FOR EQUITABLE ADOPTION IN K-12 EDUCATION 4008
A. Sultana, N. Siby, Z. Ahmad

COLLEGE STUDENTS' PERCEIVED DIFFERENCES IN LEARNING STRATEGIES MANAGEMENT AND GOAL ORIENTATION DURING AND AFTER THE COVID-19 PANDEMIC 4009
J. Matuga, R. Maquire, A. Boakye

TAILORING MEETS TECHNOLOGY: THE ROLE OF AI IN FASHION EDUCATION 4018
D. Petrila, R. Crisan-Balog, E. Tundrea

EVALUATION OF AN INTERDISCIPLINARY COLLABORATIVE LEARNING ACTIVITY BETWEEN UNIVERSITY AND VOCATIONAL EDUCATION AND TRAINING STUDENTS FOR SUSTAINABILITY COMPETENCE DEVELOPMENT 4029
A. Azkarate, J. Esparta, I. Enekotegi, M. Yarritu-Guinea, R. Bodes, A. Lasa, N. Arnedo, M. Bustamante, I. Txurruka, J. Miranda

THE ARRESTED DEVELOPMENT OF SELF-REGULATION AND THE FUTURE OF ONLINE LEARNING: THE CONFLUENCE OF COVID-19 WITH OTHER FACTORS 4035
J. Matuga, S. Horner

EXPLORING EXPLICIT MULTIPLE REPRESENTATIONS IN THE TEACHING OF FRACTIONS IN JUNIOR SECONDARY CLASSROOMS: A CASE OF THREE MATHEMATICS TEACHERS 4036
B. Banjo, K. Luneta

AI IN AUDIOVISUAL CREATION: UNDERSTANDING PERCEPTIONS AND PROPOSING TEACHING INNOVATION IN HIGHER EDUCATION 4037
V. Roger-Monzó

INFLUENCE FACTORS OF LECTURE EVALUATION CHANGES AFTER TEACHING PRACTICE IN HIGHER EDUCATION 4041
H. Kawamoto, Y. Watanabe

A SYSTEMATIC REVIEW OF ERRORS AND MISCONCEPTIONS IN LEARNING ALGEBRA 4047
B. Banjo, N. Nduzulwana

UNITY-DRIVEN VR PLATFORM FOR CUSTOMIZABLE, DATA-ENHANCED EDUCATIONAL EXPERIENCES 4048
A. Cools, N. Huysmans, M. Medaer, J. Merckx, B. Viroux

FOSTERING COLLABORATIVE LEARNING IN PHYSIOTHERAPY: DESIGNING A VIRTUAL COMMUNITY OF PRACTICE FOR PAIN SCIENCE 4054
I. Salinas-Bueno, R. Ferrer-Peña

AN AI CHAT-BOT THEMATIC ANALYSIS OF TEACHERS' EXPECTATIONS OF DIGITAL LEARNING MATERIALS IN PRIMARY SCHOOLS 4063
I. Masiello, C. Matta, K. Holmberg, S. Nordmark, J. Rack, Z. Mohseni

DESIGN AND EVALUATION OF IMMERSIVE TECHNOLOGIES FOR MUSICAL EXPRESSIONS 4072
J. Feitsch, J. Lückhoff, C. Triebus, K. Nicolai, C. Geiger

ENHANCING STUDENT ENGAGEMENT IN MATERIALS SCIENCE THROUGH COLLABORATIVE POSTER PRESENTATIONS 4082
A. Saralegi, R. Fernández, A. Eceiza, A. Retegui, N. Zaldua, N. Gabilondo

AI-DRIVEN INNOVATIONS FOR STEM AND LANGUAGE EDUCATION: A COLLABORATIVE STUDY 4086
S. Ardid, E.M. Mestre-Mestre, J. Molina-Mateo, C.T. Navarro-Laboulais, R. Picó, C. Torregrosa

EMPOWERING STUDENTS TO PREVENT CYBERVIOLENCE: INSIGHTS FROM THE RESCCUE PROJECT'S WORKSHOP 4095
T. Romeu Fontanillas, M. Guitert Catasús, D. Español Fernandez

ADVANCED TRAINING STRATEGIES: IMPROVING EFFICIENCY AND RISK PERCEPTION IN SPECIALIZED WORKFORCES 4101
G. De Cet, L. Belloni, C. Vianello

AI AND THE RIGHTS OF CHILDREN WITH SPECIAL EDUCATIONAL NEEDS: LEGAL PERSPECTIVES ON INCLUSIVITY 4107
M. Mijatovic

DISTANCE EDUCATION IN PRE-PRIMARY AND PRIMARY TEACHER TRAINING DURING TIMES OF CRISIS: A SURVEY ON UNIVERSITY TEACHERS' PERSPECTIVES IN GREECE 4114
E. Nikolopoulou

AI USE IN EDUCATION: INSIGHTS FOR THE MITIGATION OF RISKS 4124
P. Dobrescu, F. Durach, L. Vladu

DEVELOPING KEY COMPETENCIES THROUGH INTEGRATED STEM WORKSHOPS: FEEDBACK FROM PRE-SERVICE TEACHERS 4131
R. Maršálek, Z. Václavíková, M. Dobečková, J. Škrabánková

BRIDGING REALITY AND AI: THE ROLE OF AUGMENTED REALITY CHATBOTS IN INTERACTIVE LEARNING 4136
H. Dweik, M. Nawahdah

SUPPORTING CONTINUOUS LEARNING OF MEN OVER 50 IN SMALL INDUSTRIAL ENTERPRISES 4142
J. Lerssi-Uskelin, N. Sallinen, U. Tuominen

TIME MANAGEMENT OPTIMIZATION AND ACTIVE LEARNING ACTIVITIES IN LONG CLASSROOM SESSIONS 4151
M. Clavero, A. Moñino, M. Díez-Minguito, M. Ortega-Sánchez, A. Millares, M. Bermúdez, P. Magaña, J. Del-Rosal

CHATGPT'S EFFECT ON UNIVERSITY STUDENTS' ACADEMIC CONFIDENCE: THE MODERATING ROLE OF ACADEMIC OUTCOME VALENCE, DESIRABILITY OF CONTROL, AND PROTESTANT WORK ETHICS 4152
C. Qi, Y. Jiang

THE MUSEUM OF OPTICS AND OPTOMETRY AS A DIDACTIC TOOL FOR DEEPENING KNOWLEDGE OF THE HISTORY OF OPTICS 4157
A. Ruiz-Pomeda, N. Diaz-Herrera, D. Vázquez Moliní, V. González-Fernández, F. González Blanco, M. Fernández García, A. Martínez Giménez, S. Ignacio-Cerrato, G. Amela Aspizua

EXPLORING CULTURALLY RESPONSIVE TEACHING (CRT) IN DIGITAL SPACES: A SYSTEMATIC REVIEW 4164
B. Khunou, F. Makda

EXPLORING ASSISTIVE TECHNOLOGIES FOR ENHANCING CLASSROOM INCLUSIVITY: A SYSTEMATIC REVIEW 4171
T. Jaffer, F. Makda

EXPLORING CONNECTIONS BETWEEN NUMBER PATTERNS AND OTHER MATHEMATICAL CONCEPTS IN TEXTBOOKS TO ENCOURAGE INNOVATIVE PEDAGOGICAL PRACTICES 4178
N. Ndou, R. Durandt

TEACHING AND EMOTIONAL COACHING BASED ON NEUROSCIENCE AND LIFE HABITS TO IMPROVE THE TEACHING-LEARNING PROCESS IN STUDENTS WITH SPECIFIC NEEDS FOR EDUCATIONAL SUPPORT 4185
M. Puche-Juarez, J.M. Toledano-Dueñas, J.M. Galvez-Navas, J. Moreno-Fernandez, J.J. Ochoa-Herrera, M.C. Ramírez-Tortosa, S. López-Ortega, M. Fernández-Cabezas, J. Díaz-Castro

IDENTIFYING CYBERSECURITY THREATS IN DIDACTICS OF MATHEMATICS: SECURING LEARNING IN DISRUPTIVE ENVIRONMENTS 4192
J. Lourenço, J. Morais, C. Lucas, J. Paulo, J. Moreira

ENGAGING HIGHER EDUCATION STUDENTS THROUGH TIKTOK: AN APPROACH TO CREATIVE ACTIVE LEARNING 4199
P. Martí, F. Enguix, S. Nadal, J. Jordán

BRIDGING THE GAP: INTEGRATING EMERGING FOOD TECHNOLOGIES IN ACADEMIC CURRICULA TO FOSTER EDUCATION-INDUSTRY SYNERGY 4207
A.S. Giacomozzi, M. Contreras, P. Navarro Vozmediano, J. Benedito Fort, J. Garcia Perez

THE FUTURE OF LABORATORY EDUCATION: BRIDGING REAL AND DIGITAL SPACES 4212
H. Rahman, A. Engström

EXTENDED REALITY (VIRTUAL AND AUGMENTED) AND METAVERSE IN GEOGRAPHY STUDENT'S RECRUITMENT AND ENGAGEMENT 4218
S. Miller, N. Seerasarn

CONCEPTUALISING AN INTERDISCIPLINARY APPROACH TO DEVELOP CONTEXTUALISED STEM RESOURCES FOR MULTILINGUAL EARLY CHILDHOOD CLASSROOMS IN SOUTH AFRICA: A SOCIALLY CONSTRUCTIVIST APPROACH TO SCIENCE LITERACY 4228
A. Schoonen, M. Botes

NEW TEACHING PERSPECTIVES: DEVELOPMENT OF VIRTUAL ANIMATIONS FOR THE HANDLING OF SPECIALTY PHARMACEUTICALS 4237
M. Puche-Juárez, C. Piquer-Martínez, J.M. Toledano-Dueñas, M.J. Zarzuelo-Romero, J.M. Gálvez-Navas, M.I. Valverde-Merino, J. Díaz-Castro, F. Martínez-Martínez, J.J. Ochoa-Herrera, J. Moreno-Fernández

AN EVALUATION OF THE INCLUSION OF BLOOM'S TAXONOMY IN MATHEMATICS FORMAL ASSESSMENTS 4243
T. Tsewu, R. Durandt

CHALLENGE BASED LEARNING AT UNIVERSITY AND SUSTAINABILITY: PROGRESS IN THE ZERO WASTE PROGRAMME 4249
L. García-Zambrano, M. Ruiz-Roqueñi, Y. Chica-Paez

USING 'THE BOY, THE MOLE, THE FOX, AND THE HORSE' AS A LITERARY TOOL TO FOSTER EMOTIONAL INTELLIGENCE AND INCLUSIVITY IN EARLY CHILDHOOD LANGUAGE CLASSROOMS 4257
A. Schoonen, K. Earle

EVALUATING THE SUITABILITY OF MOOCS FOR UPSKILLING AND RESKILLING THE SHIPBUILDING WORKFORCE 4265
L. Santiago Caamaño, M. López-Morado, V. Díaz Casás

TECHNOLOGICAL RESOURCES SUPPORTING INSTRUMENTAL MUSIC EDUCATION IN PRIMARY AND SECONDARY SCHOOLS IN ROMANIA 4266
N. Nedelcut, M. Moldovan

STUDENT LEARNING IN FRAGILE CONTEXTS: THE IMPORTANCE OF TEACHERS' WORKING CONDITIONS AND WELLBEING 4274
E. Chattat, C. Abi Raji, S. Taha, E. Haddad, N. El Salibi

THE IMPACT OF INDOOR AIR QUALITY ON STUDENTS' WELL-BEING AND PERFORMANCE IN INTERIOR DESIGN 4282
N.S. Abdelaziz Mahmoud, C. Jung

GUIDELINES TO PROMOTE INNOVATIVE TRAINING IN THE OFFSHORE RENEWABLE ENERGY SECTOR 4290
M. López-Morado, L. Santiago Caamaño, V. Díaz Casás

MOTIVATION: THE BOTANICAL LEAGUE OF KNOWLEDGE 4291
J. Palá-Paúl, S. Sabariego, C. Arias, M. Puelles-Gallo, R. Abad-Calderón, Y. Pérez-Pérez

HYBRID ACTIVITY-ORIENTATED LEARNING SPACES TO STRENGTHEN SOCIAL-EMOTIONAL LEARNING PROCESSES IN THE SOCIAL, THERAPEUTIC AND HEALTH SCIENCES 4292
J. Petry, K. Neubert, J. Duda, J. Krämer, J. Trippler, C. Oeltjebruns, S. Hering, C. Ehlers, J. Leinweber, S. Wölwer, A. Schäfer, A. Engel

MEDIA LITERACY IN ANGOLA: NAVIGATING DISINFORMATION IN TRADITIONAL AND DIGITAL MEDIA 4302
D. Ventura, I. Amaral, P. Jerónimo

COMMUNITY NETWORKS AND CRITICAL MEDIA LITERACY: COMBATING DISINFORMATION IN ANGOLA 4306
D. Ventura, I. Amaral, P. Jerónimo

ON STAGE AND OFF BEAT: NAVIGATING A MEDICAL EMERGENCY DURING A CONCERT 4311
G. De Cet, P. Muneretto, C. Vianello

FEEDBACK STRATEGIES TO FOSTER SELF-REGULATED LEARNING IN ACADEMIC WRITING 4318
L. Gilabert-Sansalvador, R. Montuori

FOSTERING SOCIAL PRESENCE AND PROFESSIONAL CONNECTIONS IN AN ONLINE POSTGRADUATE MASTERS IN VETERINARY EDUCATION 4319
K. Fox, E. Armitage-Chan

PROMOTING SOCIAL AND EMOTIONAL LEARNING: DEVELOPMENT AND EXPLORATION OF THE PBS-ECEC ONLINE TRAINING COURSE 4320
V. Oliveira, M. Santos, S. Araújo, M. O´Brien, A. Szproch, K. Krousorati, V. Grammatikopoulos, V. Michaelidou, A. Agathokleous, S. Barros

WALKING IN CAPTAIN PLANET'S FOOTSTEPS: CHAMPIONING SUSTAINABLE MEDICINE EDUCATION IN THE GREEN MED EDUVERSE 4321
K.Y.L. Yap, H.N. Chan, M.R. Bin Darny, H.Y.Z. Swee, S.E. Tan, B.Y.X. Cheng, S.D.H. Raj, M.S.Y. Tay, A.L. Poh, P.Y.W. Fan

FOSTERING INNOVATION IN ENERGY EDUCATION THROUGH CHALLENGE-DRIVEN EDUCATION: A CASE STUDY 4327
J. Jayasuriya

INVESTING IN POTENTIAL: STRATEGIES FOR RESHAPING JUVENILE CORRECTIONAL EDUCATION THROUGH RESOURCE ALLOCATION AND COLLABORATIVE LEADERSHIP 4328
A. Maposa, G. Motilal

INTRODUCING GENERATIVE IA IN THE COMPUTER ENGINEERING DEGREE PROGRAM 4335
E. del Val, J. Taverner, M. Rebollo, C. Carrascosa, E. Argente, B. García

PROTECTION OF SOFT TARGETS IN PRIMARY, SECONDARY, AND HIGHER EDUCATION INSTITUTIONS IN THE SLOVAK REPUBLIC 4341
A. Velas, L. Mariš

PERCEIVED LEARNING ENVIRONMENT AND EMOTIONAL WELL-BEING IN FIRST-YEAR HEALTH SCIENCES STUDENTS 4347
P. Carrasco, B. Navarro, M. Pellicer, L. González, M. Martínez, F. Machancoses, J.M. Delgado-Saborit, C. Giménez, E. Ruiz, M. Rebagliato

TRANSFORMATIVE LEADERSHIP AND CURRICULUM DEVELOPMENT IN JUVENILE CORRECTIONAL EDUCATION: A SOUTH AFRICAN PERSPECTIVE 4348
A. Maposa, G. Motilal

KOREAN UNIVERSITY STUDENTS' VIRTUAL EXCHANGE EXPERIENCES WITH AMERICAN UNIVERSITY STUDENTS 4356
E.G. Kim

A LITERATURE OVERVIEW OF RESEARCH ON LEARNERS WITH ATTENTION DEFICIT AND HYPERACTIVITY DISORDER IN FOREIGN LANGUAGE EDUCATION: INSIGHTS AND IMPLICATIONS 4357
D. Dzis, S. Hvozdíková

CULTURAL DIVERSITY IMPACT ON TEAMWORK IN INNOENERGY RENE AND SELECT MASTER'S PROGRAMS 4363
M. Aguilar-Perez, P. Hagström, J. Jayasuriya, J. Olivella-Nadal

SUSTAINABLE DEVELOPMENT VIA TARGETED INCLUSION OF FIRST-GENERATION PROFESSIONALS: FROM REGIONAL ACADEMIA TO CORPORATE SENIOR CAREER LEVELS 4364
M. Leiss, J. Stemann

PILOT STUDY: AI-BASED WEB APPLICATION FOR MASTERING MULTIPLICATION TABLES 4371
L. Drožđek, I. Pesek

FIELD-SPECIFIC TERMINOLOGY ACQUISITION IN BUSINESS ENGLISH MOODLE-BASED DISTANCE LEARNING COURSES 4378
J. Selivanova

GOVERNMENT SUPPORT FOR PRIVATE VIRTUAL MUSEUMS: ENRICHING KNOWLEDGE AND HERITAGE FOR FUTURE GENERATIONS - A CASE STUDY IN THE UAE 4387
G. Elsamanoudy, M. Rashid Al Ali

ENHANCING PROJECT-BASED LEARNING WITH AN AUTOMATED GENERATOR AND EVALUATION TOOL 4396
C. Terron-Santiago, A. Sapena-Bano, S. Delfa-Baena, J. Burriel-Valencia

ONLINE PLATFORM TOOL FOR AUTONOMOUS GUIDANCE FOR A BACHELOR'S/MASTER'S THESIS IN ELECTRICAL ENGINEERING 4404
C. Terron-Santiago, S. Delfa-Baena, J. Burriel-Valencia, J. Martinez-Roman

UNDERSTANDING STUDENT AND FACULTY PERSPECTIVES ON ARTIFICIAL INTELLIGENCE IN HEALTH EDUCATION 4411
A. Alves Lopes, J. Delgado, H. Santos, C. Silva

EXPLORING THE FORM OF TECHNOLOGY USED IN GRADE 8 GEOMETRY FROM ONLINE VIDEOS: ANGLES ON A STRAIGHT LINE 4412
M. Phosa, B. Mofolo-Mbokane

AI AND THE FUTURE OF TEACHING IN STEAM: COMPETENCES, CHALLENGES, AND OPPORTUNITIES 4421
N. Spyropoulou, A. Kameas

FROM BALANCE TO INFORMED CRITICISM - DISCURSIVE TRANSFORMATIONS IN A DEVELOPMENT PROJECT ON DIGITAL LEARNING MATERIAL IN PRIMARY SCHOOL 4428
K. Holmberg, C. Matta, S. Nordmark, I. Masiello, J. Rack, M. Davidsson

FACTORS AFFECTING THE USE OF VISUAL TECHNOLOGICAL RESOURCES IN GRADE 9 TRANSFORMATION GEOMETRY: A CASE OF A RURAL PUBLIC SCHOOL 4434
N. Nedambale, B. Mofolo-Mbokane

ANALYSIS OF SOFTWARE TECHNOLOGIES FOR CREATING DIGITAL LEARNING RESOURCES 4444
A. Chikurteva, P. Petrov, D. Chikurtev

INTERNAL QUALITY ASSURANCE PRACTICES AT UNIVERSITIES IN SOUTH AFRICA 4451
M. Mosabala

INTERNATIONAL COOPERATION IN MOOC DESIGN AND DEVELOPMENT - CHALLENGES, OPPORTUNITIES AND GOOD PRACTICES 4456
A. Komendant-Brodowska

DIGITAL METHOD TO IMPROVE PRAGMATIC SKILLS IN CHILDREN WITH NEURODEVELOPMENTAL DISORDERS INVOLVING PROFESSIONALS AND PARENTS 4463
C. Andrés-Roqueta, R. Flores-Builes, M. Diago-Reolid, J. Mercader Ruiz, L. Abellán Roselló, I. García-Molina, R. Siegenthaler Hierro, M.J. Presentación Herrero, J.E. Adrian Serrano

EUROPEAN PROJECT EAGLE: INTERMEDIATE RESULTS 4469
B. Baruque-Zanón, J.E. Sierra-Garcia, R. García-Ausín, H. Cogollos Adrián

GESTURES: A BRIDGE TO COMPREHENSION 4476
M.E. Karavokyrou, D. Paizi

DESIGNING AN ANALYSIS WORKSHEET FOR USER RESEARCH: A TOOL FOR DESIGN EDUCATION 4477
L. Sossini, M. Arioli, M. Italia, S. Banfi, B. Del Curto

BOAT DESIGN: A GREEN COMPETITION-BASED LEARNING DIDACTIC PROPOSAL 4487
R. Arasti Blanco, R. García-Ausín, J.E. Sierra-Garcia, B. Baruque-Zanón

DEVELOPING TEACHER COMPETENCES FOR SOCIAL INCLUSION IN VOCATIONAL EDUCATION IN ARTS AND CRAFTS 4494
K. Mäenpää, S. Lanu

EDUCATING EDUCATORS THROUGH MOOCS: COMPETENCE-BASED APPROACHES FOR TEACHER PROFESSIONAL DEVELOPMENT IN THE DIGITAL ERA 4501
N. Spyropoulou, A. Kameas

RETHINKING ACADEMIC LITERACY THROUGH DIGITAL MULTILINGUAL RESOURCES: A FRAMEWORK FOR AFRICAN UNIVERSITIES 4507
M. Mtanha-Matariro, N. Mokala, L. Makalela

SELF-CARE AND SELF-MOTIVATION AGENDA AND MUSIC IN THE CLASSROOM (ACTIVE AND PASSIVE LISTENING) AS WELLNESS STRATEGIES TO IMPROVE STUDENT LEARNING AT THE UNIVERSITY CENTER OF PLASENCIA 4512
M. Moya, R. Martínez, J. Hernández, M.C. Ledesma, E. Cubera, M.E. García

STUDIES IN CORPORATE RESPONSIBILITY AND RESPONSIBLE BUSINESS STRATEGY SUPPORT THE DEVELOPMENT OF SMES 4524
S. Siven, J. Sirkiä

EXPANDING SUSTAINABLE THINKING IN VOCATIONAL EDUCATION IN ARTS AND CRAFTS 4530
S. Lanu, K. Mäenpää

AUTHENTIC ASSESSMENT CHALLENGES IN FORENSIC COMPUTING: A TOOL TO ENABLE INDIVIDUALISED PRACTICAL ASSESSMENT 4537
S. Murphy, J. Krasniewicz, S. Cox

AI-POWERED CUSTOMER SUPPORT FOR ACADEMIC COUNSELING AND CAREER GUIDANCE 4546
M. Tedeschi, S. Belich, R. Ajmal Rana, S. Singh Tomar

BRIDGING MEDICINE AND LITERATURE: THE POWER OF DIGITAL HUMANITIES 4552
M.P. Marín García

EXPLORING THE USE OF INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) IN IRISH POST PRIMARY SCHOOLS: TRENDS AND CHALLENGES 4553
A. Callaghan, N. Fotou

BUILDING A MEASUREMENT TOOL TO MEASURE ALGORITHMIC SKILLS 4563
É.K. Szerémi, A. Pásztor

TOWARDS A TEACHER EVALUATION SYSTEM BASED ON MICRO/MACRO/MEGA STEAM ∀H CREDENTIALS 4570
P. Aloy Fortea, J. Martínez Ventura, L. Hilario Pérez, T. Ferrer Dasí, N. Montés Sánchez, S. Barquero Pérez

CHALLENGES IN THE TEACHING AND LEARNING OF GRADE 12 SIMILARITY IN EUCLIDEAN GEOMETRY IN SOUTH AFRICA 4578
G.N. Shoba, P. Nkhoma, N. Kunene

DESIGNING BY STUDENTS FOR STUDENTS: A MULTIDISCIPLINARY APPROACH TO REDESIGN SPACES AND SERVICES FOR UNIVERSITY CAMPUSES AND SURROUNDING NEIGHBORHOOD 4587
L. Sossini, F. Guarnieri, S. Valassina, L. Donvito, B. Del Curto, G. Gerosa

LEARNING SOFTWARE TOOL FOR TRAINING ON WIND TURBINES CONTROL 4596
N. Russ, J.E. Sierra-Garcia, M. Santos, E.G. Muñoz-Palomeque, M. Peñacoba

DEVELOPMENT AND VALIDATION FOR ASSESSING THE UTILITY VALUE OF ARTIFICIAL INTELLIGENCE 4603
Y.Y. Wang, Y.W. Chuang

EMPOWERING LIFELONG LEARNING: THE DIGITAL TRANSFORMATION OF UNIVERSITIES THROUGH MICROCREDENTIALS 4604
D. Scholl, F. Moll, D. Erberich, J. Pihl, P. Kohl, T. Rommé

ASSESSING THE ACADEMIC USE OF GENERATIVE AI TOOLS BY STUDENTS IN AGRIFOOD AND BIOTECHNOLOGY DISCIPLINES 4612
C. Barrera, M.L. Castelló, A.B. Heredia, J. García, L. Seguí

TECHNOLOGY-ENHANCED ACADEMIC LITERACY: A REVIEW OF DIGITAL TOOLS FOR READING, RESEARCH, AND WRITING IN FIRST-YEAR COURSES 4620
M. Mtanha-Matariro, L. Makalela, N. Mokala

BEING AND BECOMING- BELONGING AND ENGINEERING IDENTITY THROUGH AN INTERSECTIONALITY LENS 4626
S. Al Arefi

INTRODUCING GENERATIVE ARTIFICIAL INTELLIGENCE (GENAI) IN CHALLENGE-BASED LEARNING TO ENHANCE THE CRITICAL THINKING IN AGRI-FOOD AND BIOTECHNOLOGY STUDENTS 4632
C. Barrera, M.L. Castelló, J. García, L. Seguí, A. Heredia

EDUCATIONAL GAMES FOR BIOECONOMY LEARNING: INSIGHTS FROM THE HORIZON EUROPE GENB PROJECT 4640
C. Blasco-López, P. Busó, L. Mentini, S. Silvi, F. Fusconi, C. Pocaterra, S. Marinelli, S. Albertini, V. Vavassori, L. Ferrini, J. Vos, B. Davidis

EVALUATING THE IMPACT OF NEXT GENERATION CLASSROOM ON TEACHING METHODOLOGIES: A BOTTOM-UP ANALYSIS FROM THE TEACHERS' PERSPECTIVE 4650
R. Coacci

GENERATIVE ARTIFICIAL INTELLIGENCE IN EDUCATION: THE FIVE STAGES OF GRIEF 4656
D. Otto, C. Kleinesper

INVESTIGATING PRESERVICE TEACHERS' CONTENT KNOWLEDGE OF CIRCULATORY SYSTEM THROUGH THE USE OF CONCEPT MAPS 4662
M. Mosabala

USING A FLIPPED CLASSROOM APPROACH TO SUPPORT LEARNING OF STUDENTS WITH SPECIAL EDUCATIONAL NEEDS IN HIGHER EDUCATION 4668
B. Yovkova, R. Peytcheva-Forsyth, V. Racheva

HOW TO SUPPORT TEACHERS TO SUPPORT STUDENTS WITH NEUROPSYCHIATRIC DISORDERS: TOWARDS DEVELOPING A TECHNOLOGY-ENHANCED SOLUTION 4679
A. Lodin-Sundström, J. Jaldemark, P. Mozelius, E. Tengelin

HARNESSING LEARNER ANALYTICS AND BEHAVIOURAL ECONOMICS TO FOSTER STUDENT ENGAGEMENT IN ASYNCHRONOUS DISTANCE EDUCATION 4686
N. Greenley, C. Holdsworth, O. Ebikake

EDUCATIONAL ROBOTICS AND THE LOGIC-MATHEMATICS APPROACH IN EARLY CHILDHOOD: AN INTEGRATED MODEL FOR COGNITIVE AND SOCIAL DEVELOPMENT 4687
R. Forliano, A. Di Grassi

RES-PRIM: A RESILIENCE ASSESSMENT TOOL ADAPTED FOR CHILDREN WITH NEURODEVELOPMENTAL DISORDERS 4695
R. Flores-Builes, C. Andrés-Roqueta, R. Mateu-Pérez, M. Diago-Reolid

ENHANCING SOIL SCIENCE EDUCATION THROUGH GAMIFICATION AND HANDS-ON LEARNING 4701
J. Cámara, D. Reinares, A. Pérez, E. Vázquez, C. Diéguez, A. Rubio, M. Benito

MANAGER IN THE POLICE: ON EDUCATIONAL METHODS OF DEVELOPING CREATIVE ATTITUDES IN THE POLICE-CITIZEN RELATIONSHIP 4706
E. Magda, A. Zygadło

DRUG DISCOVERY AND DEVELOPMENT (D3): A BLENDED INTENSIVE PROGRAM TO ENGAGE STUDENTS IN THE DRUG DISCOVERY PROCESS WHILE PROMOTING INTERNATIONAL COLLABORATION 4707
C. Moya-Lopez, C. Alonso-Moreno, I. Posadas, M.D. Perez Carrión, I. Bravo, F. de Andrés Segura, R. Fernández Santos, J.C. García Martínez, J.M. Sánchez Tomás

DECOLONIAL MINDSET TO ENGINEERING A SENSE OF BELONGING 4712
S. Al Arefi

REFLECTIVE TEAM AS A TOOL TO IDENTIFY AND ADDRESS KEY TEACHING CHALLENGES IN HIGHER EDUCATION 4713
M. Milani

PERCEPTIONS OF THE GENDER IN CLINICAL TRAINING – A QUALITATIVE STUDY AMONG STUDENTS 4719
M.T. Bartual-Figueras, M. Cabré-Pairet, S. Ginés-Padrós, M. López-Bartual, M.C. Riera-Prunera, D. Rodríguez-Martín, L. Romero-Gutiérrez

THE EFFECTIVENESS, RECEPTION AND ETHICAL PERSPECTIVE OF GENERATIVE AI-BASED FEEDBACK IN THE TEACHING AND LEARNING PROCESS OF NON-NATIVE LANGUAGES 4724
A. Chenoll

POLICY AND GOVERNANCE IN HIGHER EDUCATION: AN APPROACH APPLYING UNIVERSAL DESIGN FOR LEARNING (UDL) 4725
M.R. de la Torre Martínez, A. Mengual-Recuerda, B. Andrés Navarro, D. Juárez-Varón

A SERVICE-LEARNING EXPERIENCE ON WASTE SAMPLING AND ANALYSIS 4732
A. Lopez-Urionabarrenechea, B.B. Perez-Martinez

ADOPTION OF INNOVATIONS IN THE TRAINING OF UNIVERSITY GRADUATES: EXPLORING DIFFERENCES BETWEEN PUBLIC AND PRIVATE INSTITUTIONS 4733
L. Ramírez-Portilla, A. Ramírez-Portilla, M.C. González-Cortés

MOTIVATION IN KNOWLEDGE TRANSMISSION 4740
M.C. Riera-Prunera, M.T. Bartual-Figueras, M. Mas-Machuca, F. Marimon Viadiu

FROM PEN TO PROCESSOR: TRANSFORMING UNIVERSITY TEACHING IN THE GENERATIVE AI ERA 4747
J. Prades, F. Silla

APPLICATION OF ARTIFICIAL INTELLIGENCE IN UNIVERSITY LEARNING: DEVELOPMENT OF A CRITICAL VISION 4752
J.J. Suñol

EMPOWERING STUDENTS IN THE AGE OF ARTIFICIAL INTELLIGENCE: CULTIVATING ESSENTIAL SKILLS FOR THE FUTURE 4758
J. Prades, F. Silla

TEAMWORK: UNIVERSITY EXPERIENCES ANALYSIS 4763
J.J. Suñol

THE PRACTICE OF EDUCATIONAL LEADERSHIP IN RESPONDING TO EMERGENCY SITUATIONS: A MULTI-ACTOR AND MULTI-LEVEL PERSPECTIVE 4768
G. Moretti, A.L. Morini, P. Giovane, M. Bagatella

CLIMBING AS AN EMBODIED PRACTICE FOR ADDRESSING AUTISM SPECTRUM DISORDER 4777
S. Perna, M. Allegra, V. Benigno, L. Bertoldi, G. Città, N. Galizia, A. Herd Smith, C. Tosto, L. Zamara, M. Gentile

PRACTICAL EXPERIENCE OF TEACHING COMPUTER PROGRAMMING AT A SMALL LIBERAL ARTS COLLEGE 4785
Y. Tseng

UNVEILING THE RELATIONSHIP BETWEEN DIGITAL TECHNOLOGIES, SELF-REGULATION AND MOROCCAN EFL UNIVERSITY STUDENTS' ACADEMIC PERFORMANCE 4791
N. Menyani, O. Amzaourou, A. Boumehdi

THE HYBRID MODEL IS POSSIBLE: THE CASE OF THE SPANISH PUBLIC UNIVERSITY 4792
M.R. de la Torre Martínez, B. Andrés Navarro, A. Mengual-Recuerda, D. Juárez-Varón

BRAIN-FRIENDLY LEARNING - WHY IT IS WORTH INTRODUCING ALTERNATIVE FORMS OF EDUCATION 4799
K. Kasowska, M. Kowalski

BRIDGING THE GAP: EMPOWERING LEARNERS WITH DIVERSE NEEDS THROUGH INCLUSIVE MATHEMATICS STRATEGIES 4804
T. Ntshangase, C. Mathews, L. Prinsloo

REFLECTIVE TEACHING IN HIGHER EDUCATION: AN EFFICACIOUS TOOL FOR TEACHER CONTINUOUS PROFESSIONAL DEVELOPMENT 4814
N. Menyani, A. Boumehdi

INNOVATION THROUGH COGNITIVE CHALLENGE: A NOVEL PEDAGOGICAL MODEL FOR STEM EDUCATION 4825
Z. Ahmad, M. Ammar, N.J. Al-Thani

IMPROVING INTERCULTURAL COMMUNICATION IN PHYSIOTHERAPY STUDENTS USING AN ONLINE COURSE EXPERIENCE FROM MOV-E PROJECT 4826
A. Jankowicz-Szymańska, A. Stefanowicz-Kocoł, M.A. Bibro, E. Smoła, K. Wódka

EMPOWERING MODERN SCHOLARS: CRITICAL 21ST-CENTURY COMPETENCIES AND INTELLECTUAL AUTONOMY 4827
B. Baltezarević

ORGANIZATIONAL RESILIENCE AND SUPPORTIVE SECURITY TOOLS TO SUPPORT HIGHER EDUCATION STUDIES 4833
S. Siven, T. Lintilä

JUST DANCE AS A WORKING TOOL FOR THE MUSIC CLASSROOM: AN INNOVATIVE EXPERIENCE 4839
M. Fernández-Aliaga, M.M. Bernabé Villodre, J.S. Blasco-Magraner

MODERN TECHNOLOGIES AS CATALYSTS FOR EXPERIENTIAL LEARNING: TEACHING HUMAN-ROBOT INTERACTION WITH FACIAL EXPRESSION ANALYSIS SOFTWARE 4844
L. Beikverdi, C. Tigerstedt

THE RIPPLE EFFECT: GROWING AI LITERACY BY IMPLEMENTING AI FOR CASES & EFFICIENCY 4851
I. de Waard, A. Gelan

AI-ASSISTED GAME-BASED LEARNING IN TEACHING HISTORICAL CONSCIOUSNESS: BENEFITS AND CHALLENGES 4858
J.M. Madshaven, A. Spanos, C.W. Omlin, F. Reichert, C.R. Simonsen

ALIGNING RESOURCES AND CURRICULUM: A BACKWARD DESIGN APPROACH TO CODING AND ROBOTICS EDUCATION FOR YOUNG LEARNERS 4868
L. Prinsloo, A. Hilton

COMMUNITY ENGAGEMENT AS AN EXAMPLE OF SERVICE-LEARNING IN THE EDUCATION OF PHYSIOTHERAPISTS 4878
A. Jankowicz-Szymańska, K. Wódka, A. Grochowska, A. Stefanowicz-Kocoł

ANALYSIS OF THE STUDENT'S EFFORT AND INTEREST AT THE BEGINNING OF THE UNIVERSITY ACADEMIC COURSE AT DIFFERENT LEVELS AND STAGES 4879
N. Uriarte Gallastegi, I. Uriarte Gallastegi

KNOWLEDGE AND PERCEPTION OF UNIVERSITY STUDENTS ON THE 2030 AGENDA AND THE SUSTAINABLE DEVELOPMENT GOALS 4885
N. Uriarte Gallastegi, I. Uriarte Gallastegi, B. Landeta Manzano, G. Arana Landín

CONTENT VALIDITY ASSESSMENT: DEVELOPING A NEW PICTORIAL INSTRUMENT FOR MEASURING HEALTH COMPETENCIES IN PRESCHOOL CHILDREN 4890
J. Podraczky, M. Csima, J. Finánczc, T.Z. Oo, K. Jozsa

EFFECTS OF TEACHING ACTIVITIES ON MIDDLE AND HIGH SCHOOL STUDENTS' EVALUATION OF SOURCE VIDEOS 4901
C. Lafon, B. Hemon, K. De Checchi, B. Tremoliere, A. Arguel, F. Amadieu

NO ONE SIZE FITS ALL – EXPLORING MULTILINGUAL TEACHING AND LEARNING APPROACHES FOR THE SOUTH AFRICAN EDUCATION CONTEXT 4902
C. Mpanza

EXPLORING THE COMPLEXITIES ASSOCIATED WITH OFFERING ENGLISH AS A HOME LANGUAGE IN SOUTH AFRICAN SCHOOLS 4910
C. Mpanza

ENHANCING ENVIRONMENTAL AWARENESS AND EDUCATIONAL COMPETENCIES THROUGH MAKER WORKSHOPS 4917
E. Arce, O. Güler, A. Souto-Gestal

"ART & SCIENCE ACROSS ITALY": A PUBLIC ENGAGEMENT PROJECT BETWEEN SCIENCE AND ART FOR HIGH SCHOOL STUDENT 4918
P. Paolucci, F. Scianitti, C. Di Donato

A FORECAST OF THE GROWING IMPORTANCE OF TERTIARY VOCATIONAL EDUCATION (T-VET) IN NORWAY BOTH AS AN EDUCATIONAL PATH AND AS A SUPPLIER TO THE LABOR MARKET, BY 2030 4919
T. Hjeltnes

AN EXPLORATION OF TRANSLANGUAGING AS A TOOL IN THE ESP HIGHER-EDUCATION CLASSROOM 4930
M. Mihai, C.N. Albert, A.S. Moangă

LEARNING FROM THE PAST: THE EXPERIENCES OF STUDENTS INVOLVED IN DISTANCE LEARNING IN THE PANDEMIC AND POST-PANDEMIC PERIOD 4936
L. Mortari, R. Silva, S. Puecher, L. Ruffini

EMPOWERING EARLY EDUCATION THROUGH COLLABORATIVE 3D PRINTING INITIATIVES 4944
E. Arce, R. Devesa-Rey, X. Vecino, A. Suárez-García, A. Souto-Gestal

IMPACT OF BUSINESS MANAGEMENT DOUBLE DEGREE PROGRAMS ON STUDENTS' PERFORMANCE: A SYSTEMATIC LITERATURE REVIEW 4949
J. Sierra-Morán, M. Bernardo, S.J. Martínez-Vergara

THE ROLE OF SCIENCE COMMUNICATORS IN THE POST-DIGITAL ERA 4956
R. Silva, S. Puecher, S. Lo Jacono

EXPLORING DESIGN THINKING TOOLS IN HIGHER EDUCATION: CREATIVITY, BRANDS AND COLLABORATIVE PRACTICES IN SERVICE MARKETING LECTURES 4964
R. Pires, B. Bittencourt, V. Gonçalves, A.S. Coelho

BOTTOM-UP POLICY STRATEGY FOR INTRODUCING OER IN AFRICAN INITIAL TEACHER EDUCATION INSTITUTIONS 4973
N.S. Ndlovu, T. Gina

USING CHATGPT PLUGIN FOR THE GENERATION OF PARAMETERIZED QUESTION BANKS IN A PRECALCULUS COURSE 4980
A.J. Sánchez Hernández, D.D. Jiménez Suro, R.D. Santiago Acosta

ARCHITECTURAL EDUCATION FOR CREATIVITY: THE IMPORTANCE OF CONSTRUCTIVE THINKING 4985
A.M. Oprică, A.E. Voinea, A.M. Graur, A. Vancea

FACILITATING OER ADOPTION IN AFRICAN TEACHER EDUCATION INSTITUTIONS FOR SUSTAINABLE ENGAGEMENT 4991
N.S. Ndlovu

FOSTERING ENTREPRENEURIAL VALUE CREATION WITH BETTER STRATEGIC FINANCIAL ORIENTATION OF ENTREPRENEURS: A DESIGN SCIENCE APPROACH 5001
R. Pouzou

PROMOTING SUSTAINABLE DIGITAL BEHAVIORS: EVALUATION OF THE ECODIGITAL CURRICULUM IN SCHOOLS IN GREECE AND ROMANIA 5011
D. Schina, I. Kalemaki, M.I. Miron, A. Patsias, D. Vlachopoulos, R.B. Thorkelsdóttir, J.G. Jónsdóttir

ENHANCING LEARNING AND STUDENT MOTIVATION THROUGH UNIVERSITY PODCASTS 5020
C. Lerma, J. Vercher, J. G. Borràs

ABC: A TEAM TRAINING METHODOLOGY FOR LARGE-SCALE CAPACITY BUILDING 5028
R. Pacheco, M. Carneiro

CHINESE THE WRITE WAY: AN INNOVATIVE APPROACH TO TEACHING CHINESE CHARACTERS THROUGH STORIES BEHIND THE SCRIPTS 5037
M.Q. Zhao, A. Digh

DESIGNING A VIRTUAL REALITY LABORATORY FOR HISTORICAL EDUCATION: THE BATTLE OF VISBY AS A CASE STUDY 5047
E. Serrano, M. Lindmark

THE IMPACT OF GLOBALIZATION ON EDUCATION, CHALLENGES AND OPPORTUNITIES 5055
C. Feniser, A. Constantinescu Dobra, O. Stan, L. Anastasiu, V. Maier, V. Bocanet, A. Sadeh, A. Radu, S. Carstea

RECONCEPTUALIZING RESEARCH COMPETENCES ACROSS INDIVIDUAL DEVELOPMENTAL STAGES AND COLLECTIVE LEARNING CONTEXTS 5062
H. Myyryläinen

FRAMEWORK-DRIVEN DESIGN FOR ONBOARDING IN TECHNICAL INDUSTRIES: THE CASE OF CERAMIC KILNS AND VIRTUAL REALITY 5068
M.L. Torres-Barreto, L. Nava Cobos, C. Giraldo Giraldo

MEASURING INDIVIDUAL READINESS FOR CHANGE IN THE BUSINESS ENVIRONMENT: A COMPREHENSIVE FRAMEWORK 5078
F. Voggenreiter, M. Pinheiro, R.P. Marques

PEDAGOGICAL EFFECTIVENESS IN INITIAL TEACHER TRAINING THROUGH IMMERSIVE VIRTUAL WORLDS 5086
M.G. Badilla-Quintana, A. Philominraj, B. Ortega-Muñoz, J. Salazar-Velozo

ENHANCING MUSIC EDUCATION WITH VIRTUAL REALITY: A COMPREHENSIVE SYSTEM FOR INTERACTIVE DRUMMING AND MUSIC THEORY LEARNING 5087
J. Löber, B. Thierfelder, N.C. Peters, D. Werth

PERFORMING AN ETHNOGRAPHIC COMMUNITY 5097
S. Dugal, G. DeLuca, A. Fuentes, N. Devasahayam, V. Izquierdo, C. Cytryn, S. Krom, K. Pinell, M. Corbett, A. Sullivan, S. Gugliotta, A. Sorenson, S. Imbusch, J. Heyder, G. Younes, C. Craven, J. Kelsey, E. Price, S. Greenberg, R. Ritacco, M. Stacey, A. Galifi, E. Genther, C. Newman, K. Heath, A. Ounkeo, B. Kellogg, S. Sudusky, R. Singh, S. Singh, R. Singh, A. De Almeida, E. Miller, G. Gentile, N. Siradze, D. Ramous, A. Stack

A NATIONAL CAPACITY-BUILDING PROGRAM TO SDGS LOCALIZATION 5099
A. Amin, R. Pacheco, M. Carneiro, F. Gauthier

THE CEFR SELF-ASSESSMENT GRID AND STUDENT TEACHERS' REFLECTIONS ON THEIR LANGUAGE COMPETENCE 5106
J. Bérešová

PIONEERING AI ADOPTION IN HIGHER EDUCATION: EMPOWERING UNIVERSITY TEACHERS THROUGH TRAINING 5112
O. Bogdanova

READER-EDUCATORS: EXPLORATORY RESEARCH ON THE PROFILE OF FUTURE EDUCATORS IN THEIR INITIAL TRAINING PERIOD 5120
A.L. Morini, G. Moretti, B. Briceag, B. Ambu

DIGITAL TRANSFORMATION IN EDUCATION: EVALUATING NEEDS AND ACCEPTANCE OF SECURE DIGITAL CERTIFICATES 5128
A. Minchev, M. Karabalaiev, A. Zlateva, A. Georgieva

GOOD PRACTICES OF KNOWLEDGE MANAGEMENT IN HIGHER EDUCATION INSTITUTIONS 5133
A.M. Ramírez Agudelo, A. Giraldo Gaviria, A.M. Parra Sánchez

HOW CAN WE IMPROVE THE EFFECTIVENESS AND FAIRNESS OF TEAMWORK WITH A FOCUS ON CONFLICT RESOLUTION AND CONTINUING PROFESSIONAL DEVELOPMENT THROUGH AN EVOLVING TEAM CONTRACT 5140
J. Thompson, B. Morgan, W. Newton

BRIDGING THEORETICAL GAPS TO ENHANCE UNDERGRADUATE STUDENTS' ACADEMIC SUCCESS IN THE DIGITAL AGE: A SCOPING REVIEW 5141
T.G. Tareke, T.Z. Oo, K. Jozsa

DETERMINANT FACTORS IN FURTHER EDUCATION DECISIONS AMONG VOCATIONAL EDUCATION AND TRAINING STUDENTS IN HUNGARY 5142
G. Jozsa, T.G. Tareke, K. Jozsa

EXCHANGE STUDENTS' EXPERIENCES: RESIGNIFIYING THE THIRD SPACE 5143
M.J. Guillermo Echeverría, M.F. Guzmán Ocampo, D.C. Cámara Figueroa

DESIGNING REMOTE EDUCATION TO SUPPORT PSYCHOLOGICAL NEEDS: INSIGHTS FROM SELF-DETERMINATION AND PSYCHOLOGICAL OWNERSHIP THEORIES 5148
H. Myyryläinen

CLOSING EDUCATIONAL GAPS: IMMERSIVE TECHNOLOGIES AND THEIR IMPACT ON THE COGNITIVE AND ACADEMIC GROWTH OF STUDENTS WITH SEN 5155
B. Ortega-Muñoz, M.G. Badilla-Quintana

A MULTIMODAL AI FRAMEWORK FOR LONGITUDINAL STUDENT PERFORMANCE MONITORING AND WELL-BEING ASSESSMENT 5164
T. da Ponte

A PROPOSAL OF HEALTH EDUCATION IN UNIVERSITY SETTINGS FOR CANCER PREVENTION 5174
M. Londoño Martínez, S. Agut Nieto

FRIENDLY INFORMAL IMMERSIVE CLOUD ALTERNATIVE (FII;)CA) - DISCOVER, PLAY, SOCIALIZE: LEARNING, TEACHING AND TRAINING ACTIVITY ONE 5180
H. Ahonen, D. Berginc, H. Bollaert, J. Hautamäki, C. Martí-García, J. Monteiro, L. Gutierrez Rodriguez

THE ADOPTION OF ARTIFICIAL INTELLIGENCE IN THE PROCESS OF CREATIVE EDUCATION 5186
V. Dobrovolskienė, J. Dargienė, J. Kuzė

AN EXPLORATION OF THE IMPACT OF TEACHER PEDAGOGY ON READING INSTRUCTION IN SOUTH AFRICAN INTERMEDIATE PHASE CLASSES 5193
K. Raborifi, P.O. Merisi

JOURNEY OF DISCOVERY: A CHAT-BOT FOR ENGAGING AND INSIGHTFUL CONVERSATIONS 5202
O. Bogdanova

THE DIGITAL DIVIDE IN EDUCATION THROUGH THE LENS OF ETHICS AND HUMAN RIGHTS 5208
L. Salihu, V. Nimonaj Hoti, B. Gërbeshi Zylfiu, R. VK Bandlow

PREDICTORS OF TASK MOTIVATION IN MIXED SPECIALIZATION ESP CLASSES 5213
A. Stefanowicz-Kocoł

INVESTIGATING THE LEVEL OF DIGITAL COMPETENCE OF GREEK TEACHER EDUCATORS BASED ON THE DIGCOMPEDU FRAMEWORK: A PILOT STUDY 5214
G. Chorozidis, K. Dimopoulos, C. Karagiannidis, K. Karadimitriou

EMPOWERING TEACHERS TO ADDRESS EDUCATIONAL CHALLENGES 5222
P. Escudeiro, N. Escudeiro, M. Campos, F. Escudeiro

P5 AS A LEARNING EXPERIENCE TO FOSTER STEM CAREERS 5227
E. Fuster Candelas, M.I. Gómez-Gómez

TEACHING SUSTAINABILITY IN THE COLLEGE CLASSROOM: A VITAL ENRICHMENT FOR THE BUSINESS SCHOOL CURRICULUM 5232
A.J. Stagliano

EMBEDDING THE USE OF LARGE LANGUAGE MODELS (LLMS) IN THE ASSESSMENT OF FINAL YEAR UNDERGRADUATE STUDENTS ATTENDING NEUROSCIENCE MODULES 5233
A.A. Battaglia

TRENDS IN HIGHER EDUCATION AS DRIVERS OF INNOVATION IN THE SYNERGISTIC UNIVERSITY 5239
A. López Triana, A. Carrión García, P. Montesinos Sanchis

STATISTICAL ANALYSIS OF UNIVERSITY STUDENTS' ATTITUDES TOWARDS INFORMATICS ETHICAL VALUES 5249
G. Sart, F.H. Sezgin

REIMAGINING BODY POSTURE AWARENESS EDUCATION THROUGH INTERCULTURAL BLENDED INTENSIVE PROGRAMS 5255
A. Stefanowicz-Kocoł, A. Jankowicz-Szymańska, M. Głodzik, K. Wódka, A. Grochowska, M. Kołpa

RETHINKING THE ROLE OF LITERATURE IN SECOND LANGUAGE LEARNING IN THE MULTILINGUAL AND MULTICULTURAL SOUTH AFRICAN CONTEXTS 5256
Q. Rikhotso, P.O. Merisi, Q.K. Wunseh

THE IMPACT OF ARTIFICIAL INTELLIGENCE ATTITUDES ON JOB PERFORMANCE AMONG ACADEMICS 5264
G. Sart, F.H. Sezgin

STRENGTHENING TEACHER RETENTION IN THE FEDERATED STATES OF MICRONESIA: THE PERSPECTIVES OF SPECIAL EDUCATION TEACHERS 5270
M. Elmeski, A. Russell, P. Crawford

GENERATIVE AI, POSTGRADUATE COURSES AND OPEN SOURCE AI PLATFORMS: CHALLENGES AND OPPORTUNITIES FOR POSTGRADUATE COURSES IN THE 21ST CENTURY 5275
G. Gantzias

DEVELOPMENT AND ASSESSMENT OF A GRADUATE LEVEL APPLIED BEHAVIOR ANALYSIS (ABA) PROGRAM AT A MAJOR AMERICAN UNIVERSITY 5276
F. Abdool-Ghany, R. Morgan

SOCIAL EMOTIONAL LEARNING (SEL) IN DISCIPLINARY TEACHING: AN INNOVATIVE APPROACH 5277
F. Filosofi, M. Valenza

SOCIAL ROBOTICS AND EMOTIONS: AN EXPLORATORY SURVEY ON TEACHERS' PERCEPTIONS OF SOCIAL ROBOTS 5284
A.T. Musicco, N. Di Leo

STATISTICAL ANALYSIS OF UNIVERSITY STUDENTS' ADAPTATION LEVELS TO UNIVERSITY LIFE 5290
G. Sart, B. Kiyak, A. Güllüpinar

AI AND NEUROSCIENCE IN ARCHITECTURE AND URBAN PLANNING EDUCATION: SHAPING FUTURE PERSPECTIVES 5291
A.E. Voinea, A.M. Oprică, A.M. Graur

VIRTUAL REALITY IN SPEECH THERAPY TRAINING: SCENARIOS AND PROTOTYPING 5297
F. Gentile, M. Wanke, W. Mueller

STATISTICAL ANALYSIS OF EDUCATORS' EDUCATION TECHNOLOGY STANDARDS SELF-EFFICACY (ETSSE) LEVELS 5307
G. Sart, A. Güllüpinar, B. Kiyak

HARNESSING THE EXISTING DIGITAL TECHNOLOGIES TO ENHANCE STUDENT ENGAGEMENT FOR KNOWLEDGE CREATION AND INCLUSION IN DIVERSE CLASSES: A SYSTEMATIC REVIEW 5308
A. Dewa, M. Tshidi

RE-EXAMINING THE EFFECTIVENESS OF A GRADUATE HIGHER EDUCATION ADMINISTRATION PROGRAM IN TERMS OF STUDENT ASSESSMENT OF LEARNING AND THEIR ABILITY TO USE WHAT THEY LEARNED BEYOND THE CLASSROOM 5316
S. Castle, J. Marron

INNOVATING MOOC EDUCATION: THE ROLE OF INTERACTIVE VIDEOS IN TEACHING AI TO NEW LEARNERS 5325
Z. Sofyan, C. Meinel

THE ROLE OF ITERATIVE PROCESSES IN ARCHITECTURE AND URBAN PLANNING EDUCATION: BALANCING TOP-DOWN METHODS WITH PEER COLLABORATION IN THE DESIGN STUDIO 5332
A.E. Voinea, A.M. Oprică, A.M. Graur

REVIEW OF AI IN TRANSFORMING LEARNING ENVIRONMENTS FOR SUSTAINABLE DEVELOPMENT: A CASE OF SOUTH AFRICAN SCHOOLS 5340
A. Dewa, M. Tshidi

STEM APPROACH IN A DIGITAL FABRICATION LABORATORY: TRAINING IN DIGITAL MODELING AND 3D PRINTING FOR PROTOTYPING 5347
A. Kimura Junior, E. Alves Dos Santos Neto, K.C. Tavares de Freitas, E. Barbosa Caldeira

INTEGRATION OF ELECTRONICS AND MICROCONTROLLERS IN STEM EDUCATION: A PROJECT-BASED APPROACH 5354
A. Kimura Junior, K.C. Tavares de Freitas, E. Alves dos Santos Neto, E. Barbosa Caldeira

ASSESSING DIGITAL COMPETENCES IN TRANSLATION STUDENTS 5361
O.N. Petrescu

DEVELOPING A MANUAL TO BRIDGE THEORY AND PRACTICE IN ASSESSING MATHEMATICAL OERS 5368
E. Safiulina, O. Labanova, Y. Andriichenko, C. Serrat, F. Soares, A.P. Lopes, A. Uukkivi, J. Kurvits, T. Tamberg, V. Bocanet, F. Serdean, S. Softic, E. Schirgi, M.M. Bruguera, M.R. Estela, X. Marcote, J. Guàrdia, C. Feniser

MICRO-LESSONS ON DIFFERENTIAL AND INTEGRAL CALCULUS BY VIRTUAL TEACHERS GENERATED WITH ARTIFICIAL INTELLIGENCE 5369
D.D. Jiménez Suro, A.J. Sánchez Hernández, R.D. Santiago Acosta

SCREENING THE DIGITAL AGE: OPPORTUNITIES AND RISKS OF AUDIOVISUAL RESOURCES IN YOUNG LEARNERS' EFL EDUCATION 5374
M.P. Marín García, L. Astruc

SPEECH LEARNING EFFECTS OBTAINED FROM ENGLISH CONVERSATIONS WITH GENERATIVE AI 5375
N. Matsuda, M. Hayashi, M. Nishi, H. Iwasaki

CONNECTED CITIES, DISCONNECTED OPPORTUNITIES: LONG-TERM EDUCATIONAL IMPACTS OF TECHNOLOGICAL INEQUALITY IN ROMANIA 5376
A. Patcas

FROM ARTISTIC PRACTICES TO PERSONAL DEVELOPMENT: SYMBIOSIS(S) IN SOCIAL INTERVENTION 5381
M.J. Martins de Castro, M. Ribeiro, M. Costa

HOP - HANDS ON PHYSICS: AN INQUIRY BASED LEARNING PROJECT FOR MIDDLE SECONDARY SCHOOLS' TEACHERS 5386
F. Scianitti, M. Bernardi, S. Bertelli, M. Boselli, C. Collà Ruvolo, D. Molaro, P. Paolucci, C. Zonda

ENHANCING STUDENT ENGAGEMENT IN BUSINESS PROCESS MODELING THROUGH EXPANDED TOPIC SELECTION AND AN INNOVATIVE TEACHING METHOD 5387
A. Dannecker, L. Meyer

STUDENTS' PERCEPTIONS OF SCHOOL (UN)SUCCESS: THE ROLE OF THE SOCIAL EDUCATOR 5396
M. Ribeiro, M.J. Martins de Castro, R. Lopes

TEACHING WITH ARTIFICIAL INTELLIGENCE IN VIRTUAL INSTITUTIONS: A COMPARATIVE STUDY ON STUDENT-TEACHER INTERACTION 5401
L.M. Cerdá Suárez

A FOUNDRY-GUIDED APPROACH TO SUSTAINABILITY INNOVATIONS IN INTEGRATED ACADEMIC RESEARCH FOR CHEMICAL ENGINEERING 5411
D. Wagle, A. Arce-Trigatti, P. Arce

PREDICTORS OF METACOGNITIVE STRATEGY USE IN HIGH SCHOOL MATH LEARNING: CONTRIBUTIONS OF STUDENT MOTIVATION AND PERCEIVED TEACHING 5417
L. Rakickiene, D. Butkiene, S. Raiziene

FROM PRIMARY TO HIGH SCHOOL: PROGRESSION AND GENDER DISPARITIES IN MATHEMATICS PERFORMANCE IN MEXICO 5418
N. Gavira-Duron, C.M. Ramirez-Culebro, M.M. Arratia-Martinez

EXAMINING TECHNOLOGY'S ROLE IN INCLUSIVE CO-TEACHING CLASSROOMS: A MULTI-PERSPECTIVE ANALYSIS 5424
M. Payano, J. Craven

A COLLABORATIVE RESEARCH STUDY IMPLEMENTING THE PEDAGOGICAL VARIATION MODEL EVALUATION BY CHEMICAL TECHNICIANS COURSE STUDENTS AT FEDERAL INSTITUTE (IFRS) BRAZIL: INSIGHTS TO PEDAGOGICAL LEADERSHIP IN LEARNING AND TEACHING 5428
M.S. Rogers, A.G. Nichele

ADDRESSING THE TEACHER DROUGHT: ARE ALTERNATIVE PATHWAYS THE ANSWER OR A NEW PROBLEM? 5437
R. Best, L. Bobley

TRANSFORMING ARCHITECTURAL EDUCATION: A TEACHING INNOVATION APPROACH USING LASER SCANNING AND BIM 5438
M. Álvarez, A. Morón, A. Zaragoza, D. Ferrández, C. Morón

GENERATIVE ARTIFICIAL INTELLIGENCE IN HIGHER EDUCATION: BEYOND THE SHORT TERM 5445
M. Rich, C. Holtham, L. Huang

IMPLEMENTATION OF FLIPPED CLASSROOM METHODOLOGY THROUGH THE SECTORIAL POLICIES SUBJECT 5450
A. Zaragoza, D. Ferrández, A. Morón, M. Álvarez, C. Morón

USE OF THE CHATBOT IN A MASSIVELY APPLICABLE ONLINE DIAGNOSTIC TOOL 5456
A.M. Ramírez Bedolla

DIFFERENCES IN INITIAL DIGITAL SKILLS DIAGNOSED IN STUDENTS OF THE OPEN UNIVERSITY SYSTEM OF THE FACULTY OF PSYCHOLOGY AT UNAM FROM 2015 TO 2024 5461
A.M. Ramírez Bedolla, I.M. Cabrera Zamora, M. Zúñiga González

EXPANDING OPPORTUNITIES FOR RURAL EDUCATOR DEVELOPMENT TO IMPROVE SERVICES AND OUTCOMES FOR DIVERSE LEARNERS 5469
A. Davidson

IT'S ALL ABOUT CREATIVITY: BUILDING COGNITIVE RESERVE THROUGH SOCIAL PRESCRIBING ART-ON-PRESCRIPTION FOR HEALTH AND WELL-BEING IN WALES, UK 5480
M.S. Rogers

DEVELOPMENT AND EVALUATION OF GRAPH REPRESENTATION METHODS TO BRIDGE IMAGE GAPS AND THEIR APPLICATION TO DECISION-MAKING SUPPORT 5491
T. Ohmori

PROFILING SCIENCE TEACHER LEARNING TOWARDS SOCIO-SCIENTIFIC REASONING – A DEVELOPMENTAL FRAMEWORK 5498
M.E.M. Nakedi

SOUTH AFRICAN LEARNERS' CLIMATE CHANGE LITERACY AND RELATIONSHIPS BETWEEN KNOWLEDGE AND ATTITUDES TOWARDS PRACTICES 5499
M.E.M. Nakedi, Y. Ndlovu, W. Simango

THE CONCEPTUALIZATIONS AND ENACTMENTS OF CULTURALLY-SUSTAINING, RELEVANT, AND RESPONSIVE (CSRR) PEDAGOGIES AMONG HIGHER EDUCATION BIOLOGY INSTRUCTORS 5500
A. Rivera, S. Salehi

USE OF RANDOMLY ASSIGNED TEAMS TO IMPROVE EDUCATIONAL OUTCOMES 5501
P. Lane, R. Lafferty, J. Toomey

ASSESSMENT OF STUDENT ATTENDANCE AND ACADEMIC PERFORMANCE USING PRINCIPAL COMPONENT ANALYSIS 5506
J. Soler-Rovira, J.M. Arroyo-Sanz, R. Linares-Torres, C. Gonzalez-Garcia, L. Parra-Boronat, L. Galvez-Paton, J. Novillo-Carmona, D. Palmero-Llamas

BENEFITS OF LEARNING BETWEEN INTERDISCIPLINARY TEAMS IN UNIVERSITY EDUCATION: CASE OF INTERDISCIPLINARY LEARNING BETWEEN STUDENTS OF MANAGEMENT AND INDUSTRIAL DESIGN APPLIED TO REAL LOCAL COMPANIES 5511
R. Guimaray

BORDERLINE REGRESSION AND CONTRASTING GROUPS METHODS FOR CLINICAL SKILLS ASSESSMENT AT A SIMULATION CENTER IN VIETNAM 5521
N.P.M. Le, N.P.T. Nguyen, T.N.L. Nguyen

PAY IT FORWARD! DEVELOPING THE NEXT GENERATION OF TEACHER LEADERS: A NARRATIVE CASE STUDY 5528
R. Best

AI IN LANGUAGE EDUCATION: PRELIMINARY FINDINGS FROM TWO STUDIES ON SECOND LANGUAGE WRITING AND PRE-SERVICE TEACHERS' PERCEPTIONS 5532
J.C. Casañ Núñez, C. Millán Scheiding

PREPARING FUTURE ENGLISH LANGUAGE TEACHERS FOR THE NEXT GIGA ERA: INSIGHTS FROM TPACK DESIGN AND SAMR ASSESSMENT 5533
S. Sekiguchi, N. Tanaka-Ellis

PREPARATION OF TEACHERS FOR WORKING IN INCLUSIVE CLASSROOMS 5539
A. Umirbekova, L.A. Butabayeva

EXPLORING THE AMBIGUITY OF OUT-OF-FIELD TEACHING PHENOMENON- A SITUATIONAL ANALYSIS OF OUT-OF-FIELD SCIENCE TEACHERS IN SOUTH AFRICA 5549
K. Nameng, E. Mushayikwa, N. Radebe

A SYSTEMATIC LITERATURE REVIEW ON THE FACTORS LIMITING FEMALE LEARNERS' ENGAGEMENT AND PERFORMANCE IN SCIENCE EDUCATION AT SOUTH AFRICAN TOWNSHIP, RURAL, AND URBAN SCHOOLS 5559
K. Ngobeni, N. Radebe, E. Mushayikwa, M.M. Stephen

GEN-AI IN TEACHING & LEARNING STUDENTS' LEARNING ACTIVITY: PREPROCESSING REFLECTIONS 5569
M. Cutajar

DESIRE-DRIVEN IDEATION METHOD USING GENERATIVE AI TO FIND POSSIBILITIES OF VALUE CREATION FOR SOCIETY 5570
K. Kaneko, K. Hirata, Y. Okada

SUSTAINABLE EMPLOYMENT OPPORTUNITIES FOR VULNERABLE WOMEN: A TRANSNATIONAL COMPARATIVE STUDY AND ANALYSIS ON LIFELONG LEARNING AND VOCATIONAL TRAINING OPPORTUNITIES FOR THIRD-COUNTRY NATIONAL WOMEN IN GREECE AND THE EU 5580
M. Bakali, K. Karameri

AN INVESTIGATION ON THE DANGERS AND OPPORTUNITIES ASSOCIATED WITH THE USE OF INNOVATIVE DIGITAL TOOLS IN EDUCATION 5588
M. Marian, C.A. Borcoși, I. Borcoși

DESIGN OF CONTENT FOR SCIENCE LESSONS BASED ON WALDORF PEDAGOGY BY PRE-SERVICE PRIMARY SCHOOL TEACHERS 5595
T. Černoša, K. Susman, J. Pavlin

ASSESSING STUDENTS' APPROACHES TO LEARNING IN A CHEMISTRY COURSE: INSIGHTS AND IMPLICATIONS 5602
M.I. Lucio, L. Atarés, M. Leiva-Brondo

REDEFINING PROGRAMMING ASSESSMENTS IN THE ERA OF ARTIFICIAL INTELLIGENCE AND LARGE LANGUAGE MODELS 5610
C. Marco-Detchart, C. Lopez-Molina

ENHANCING MOTIVATION IN NON-COMPUTER SCIENCE ENGINEERING STUDENTS THROUGH INTERDISCIPLINARY COLLABORATIVE PROJECTS: A PRELIMINARY PROPOSAL 5616
C. Marco-Detchart, C. Lopez-Molina

UNIVERSITY SERVICE-LEARNING AS A TEACHING METHODOLOGY FOR INNOVATION AND SOCIAL ENGAGEMENT 5622
E.M. Murgado-Armenteros, F. Lucena-Muñoz, S. Valdelomar Muñoz, C. López Boronat

BARRIERS TO THE DEVELOPMENT OF CLINICAL COMPETENCIES: NURSING STUDENTS' SELF-PERCEPTION 5630
F. Segadães, C. Pinto, A. Pinto, M. Barroso, P. Oliveira

THE BEACH BENEATH THE STREET - HOW PROBLEM BASED LEARNING CAN BENEFIT FROM AGILE WORK PRACTICES AND ANARCHIST THEORIES OF SELF ORGANISATION TO DEVELOP HUMAN CAPABILITIES 5638
K. Royle

HARNESSING GENERATIVE AI FOR PROJECT MANAGEMENT CERTIFICATION: DEVELOPING HIGH-QUALITY QUESTION BANKS WITH PROMPT ENGINEERING 5639
L. Meyer, A. Dannecker

USE OF THE PRINCE2 METHODOLOGY IN THE DEVELOPMENT OF ENVIRONMENTAL PHYSIOTHERAPY EDUCATION PROJECT 5649
A. Alves Lopes, M. Noronha, P. Almeida, A. Vieira, D. Santana, M. Dias

EXPLORING AI IN EDUCATION THROUGH INTERDISCIPLINARY COLLABORATION 5650
S. Ratner, R. Williams, E. Wonnacott

THE INEVITABILITY OF INCLUDING COMMUNICATION SKILLS AS A SUBJECT IN MEDICAL EDUCATION 5656
T. Dilaverova, S. Dumbadze, L. Akhvlediani, N. Dorofeeva, T. Tsintsadze

PROGRAMMING AS PLAY: A COLLABORATIVE AUTOETHNOGRAPHY ON AI LITERACY IN EDUCATION 5661
R. Katsenou, I. Deliyannis

AN INNOVATIVE FIVE-STAGE PEDAGOGY WITH A PRACTICAL FOCUS ON TEACHING VINCENTIAN SOCIAL JUSTICE THROUGH IT AND AI IN A FIRST-YEAR COURSE 5672
Y. Tong, R. Ward

EXPLORING PERCEIVED COMPETENCE AND RELATEDNESS IN AVATAR-BASED LEARNING: INSIGHTS FROM A VIRTUAL WORLD PLATFORM FOR HIGHER EDUCATION 5673
A. Ko

QR CODES: A SIMPLE YET EFFECTIVE TOOL FOR ENGAGING VETERINARY STUDENTS 5678
C. de Brito, M. García-Roselló, A. Navarro Serra, A. Albiach Serrano, E. Orient Pérez, S. Vega García, J. Terrado Vicente

A CUSTOM-DESIGNED GPTUTOR LEARNING SPACE TO ENHANCE SELF-LEARNING MOTIVATION: A STUDY OF UNDERGRADUATE STUDENTS' ATTITUDES AND READINESS 5684
A. Ko

DISCOVERING PHYSICS AND ITS HISTORY THROUGH INTERACTIVE ACTIVITIES FOR CHILDREN 5688
S. Bertelli, F. Barbaro, S. Barone, S. Canella, M. Cinausero, A. Dalla Vecchia, M. Dalle Palle, B. Fabbri, S. Giorgetti, S. Hemmer, L. Liccioli, F. Marcon, D. Martini, I. Neri, E. Santinelli, L. Silvestrin, S. Talas, M. Tosi, M. Zagallo, M. Fedi

ACTIVE LEARNING METHODOLOGY FOR TEACHING QUANTITATIVE METHODS: COMPUTER PROGRAMMING AND ARTIFICIAL INTELLIGENCE ASSISTANTS AS ENABLERS 5696
F. Fraile, A. Esteso, R. Poler

LEARNING VOICES: PODCASTING AS A BRIDGE BETWEEN PEER LEARNING AND SOCIAL-EMOTIONAL DEVELOPMENT 5703
E. Ben-Atar, S. Chen

FROM REFLECTION TO ACTION: LEVERAGING PODCASTS FOR PEDAGOGICAL INNOVATION AND REFLECTIVE PRACTICE IN TEACHER EDUCATION 5708
S. Chen, E. Ben-Atar

DECENT WORK AND MEANINGFUL WORK IN LOW-DENSITY TERRITORIES: WORKERS' VISION 5714
L. Faria, R. Dias

EXPLORING THE RELATIONSHIP BETWEEN DECENT WORK, MEANINGFUL WORK, AND BURNOUT: A COMPARATIVE STUDY OF CULTURAL AND ARTISTIC PROFESSIONS 5720
L. Faria, A. Martins

MOBILE MICROLEARNING FOR FALLS PREVENTION: A COGNITIVE LOAD APPROACH 5727
S. Freeman, A. Ziemer

EDUCATIONAL STATUS AS A PREDICTOR OF IMMIGRATION ATTITUDES: THE CASE OF CROATIA 5728
M. Komušanac

THE EUROPEAN DIMENSION IN EDUCATION: THE CASE OF THE CIVIC EDUCATION CURRICULUM IN THE REPUBLIC OF CROATIA AND BOSNIA AND HERZEGOVINA 5737
R. Bušljeta Kardum

GREENVERSITY: GREENCOMP IMPLEMENTATION PROGRAM IN HIGHER EDUCATION 5745
S. Mollà-Casanova, Y. Echegoyen-Sanz, C. Lloret-Català, P. Sendra-Pons, J. Oliver, M. Puurtinen, F. Weckerle, N. Levikov, V. Grecu, A. Fernandes, J.D. Badia, P. Serra-Añó

TRANSFORMATIONAL HIGHER EDUCATION FOR THE LONG RUN – REFLECTIVE PERSPECTIVES OF YOUNG MARKETING PROFESSIONALS IN BAHRAIN 5751
P. Vande Wiele, D. Morris, A. Zaidan, T. Mitchell, P. Pringuet

TRANSGENERATIONAL INSIGHTS INTO CHILDHOOD 5760
K. Dadić, M. Horvat

CRITIQUE OF THE USE OF A MASTERCLASS PEDAGOGICAL METHOD TO SUPPORT COMPETENCIES DEVELOPMENT IN A PROFESSIONALIZING PROGRAM 5761
P.Y. Therriault, G. Bélanger, J. Maclure, E. Aufray

LANGUAGE AND CODE TOOLS IN BASIC EDUCATION - 3RD CYCLE AND SECONDARY: INTEGRATION OF REFUGEE STUDENTS THROUGH PORTUGUESE AS A FOREIGN LANGUAGE 5762
G. Duarte da Silva

ENHANCING R-CODING AND PROBLEM-SOLVING SKILLS FOR ADULT LEARNERS WITH CHATGPT PROMPTS AND INTERACTIVE LEARNING 5763
C.A. Hargreaves, A. Pal

A CASE-BASED LEARNING PLATFORM FOR RADIOLOGY EDUCATION OF LINE AND TUBE PLACEMENT 5773
L.Y. Huen, L. Wang, Z. Cai, L.M. Wong, T.Y. So

AN EDUCATION 4.0 FRAMEWORK-BASED COURSE REDESIGN METHOD 5774
A. Elragal, A. Habibipour

EXTENDED DIGITAL MUSICAL INSTRUMENTS: INNOVATING INCLUSIVE EDUCATION THROUGH TECHNOLOGY AND CREATIVITY 5784
E. Partesotti

BEYOND CHATBOTS: IMPROVING INTELLIGENT TUTORING SYSTEMS WITH BETTER DATA AND ASSESSMENTS 5789
X. Li, C. Fadel, R. Zaki

DYNAMIC ASSIGNMENTS TO CREATE A PERSONALIZED, ENGAGING, AND ADAPTIVE LEARNING ENVIRONMENT TO ENHANCE STUDENT ENGAGEMENT 5799
N. Rizk

PROMOTING INCLUSIVITY FOR NEURODIVERGENT LGBTQ+ STUDENTS: CHALLENGES AND STRATEGIES 5805
R. Niewiadomski

THE IMPACT OF THE UNITED STATES-CHINA TRADE WAR IN HIGHER EDUCATION IN MEXICO 5810
N. Dominguez-Vergara, J.L. Pantoja-Gallegos, M.A. Gutierrez-Villegas, E.M. Gutierrez-Armenta

BUREAUCRACY VS. STUDENT SCHOLARSHIPS: AN ANALYSIS OF THE FUTURE OF PUBLIC UNIVERSITIES IN MEXICO 5811
N. Dominguez-Vergara, M.A. Gutierrez-Villegas, M.A. Abreu-Hernandez, E.M. Gutierrez-Armenta

TRANSFORMING GRADUATE EDUCATION IN ARMENIA: THE T-GREEN PROJECT FOR A SUSTAINABLE FUTURE 5812
L. Oliveira, E.L. Cardoso

FROM WORDS TO WORTH: METHODOLOGICAL SOUND LLM-BASED LITERATURE-RESEARCH FEATURING THE COMPACTION FRAMEWORK 5813
T.T. Richter, N. Heidmann

A SPECIAL BLENDED-LEARNING PROGRAM FOR HEALTH CARE PROFESSIONS TO HAPTIC SENSORY DISCRIMINATION SKILLS INCREASES QUALITY OF TRAINING STANDARDS AND OPTIMIZES PATIENT CARE 5823
C. Winkelmann, L. Beyer

REDEFINING CLASSICAL GUITAR EDUCATION: THE IMPACT OF DIGITAL TOOLS ON PEDAGOGY AND PRACTICE 5833
R. Curto, F. Correia, N. Fraga

INTEGRATING AI AND PROJECT-BASED LEARNING: A TRANSFORMATIVE DESIGN CURRICULUM FOR HIGH SCHOOL STUDENTS 5838
M. Castro Kohler

THE USE OF LINKEDIN FOR UNIVERSITY EDUCATION 5848
B. Andrés Navarro, A. Mengual-Recuerda, D. Juárez-Varón, M.R. de la Torre Martínez

EXPLORING THE ROLE OF OUTDOOR EDUCATION IN SOCIO-EMOTIONAL LEARNING AND EMODIVERSITY 5856
A. Natalini

DECODING FUTURE SKILLS: A COMPETENCY FRAMEWORK FOR FUTURE OF WORK AND GLOBAL CITIZENSHIP 5867
F. Michel, D. El Dahish, H. Hindy

REPRODUCTIVE HEALTH MENTORSHIP PROGRAMME USING A VIRTUAL PATIENT SYSTEM: LESSONS AND RECOMMENDATIONS 5877
D. Hallberg, J. Wanjira

ELECTRONIC LIBRARY ON PHYSICAL THERAPY AND REHABILITATION OF METABOLIC SYNDROME AND OBESITY 5885
I. Koleva, R. Yoshinov, B. Yoshinov

ELECTRONIC REPOSITORY WITH EDUCATIONAL MATERIALS ON GERIATRIC REHABILITATION, SARCOPENIA AND FRAILTY 5893
I. Koleva, B. Yoshinov, R. Yoshinov

FORCED TO COLLABORATE: DOES PARTNERING WITH AI ENHANCE CREATIVITY OR UNDERMINE INTEGRITY? 5900
R. Ott

EXAMINING THE LEVEL OF MOTOR SKILL DEVELOPMENT OF GRADE R LEARNERS AFTER THE COVID-19 PANDEMIC IN THE FREE STATE PROVINCE OF SOUTH AFRICA 5907
L. Ramphele, T.O. Akobi, C.O. Okeke

EXAMINING THE LEVEL OF COGNITIVE SKILL DEVELOPMENT OF GRADE R LEARNERS AFTER THE COVID-19 PANDEMIC IN THE FREE STATE PROVINCE OF SOUTH AFRICA 5914
L. Ramphele, C.O. Okeke, T.O. Akobi

GUIDELINES FOR DEVELOPING PERSONALIZED AND EFFECTIVE VOICE CHATBOTS IN EDUCATION 5921
H. Sawalha, M. Nawahdah, H. Jebara

EMOTION RECOGNITION IN EDUCATIONAL CHATBOTS: GUIDELINES FOR ENHANCING ENGAGEMENT AND PERSONALIZATION 5930
H. Jebara, M. Nawahdah, H. Sawalha

MUSEUMS AS FRONTIERS OF CHANGE: BREAKING THE BARRIERS OF INCLUSIVE EMPLOYMENT FOR PEOPLE WITH DISABILITIES THROUGH OPEN INNOVATION 5938
S. Savva, R. Schabereiter

H5P TECHNOLOGY IN THE THERMODYNAMICS LABORATORY 5948
J. Cervera, B. Martinez, M. Campos, S. Sanchez-Ruiz, M.A. Gilabert, S. Mafe, V. Garcia-Morales, P. Ramirez, J.A. Manzanares

BEYOND THE ATTAINMENT GAP: EXPLORING THE INTERPLAY OF CULTURAL CAPITAL, RACE, AND ACADEMIC SUCCESS FOR BLACK STUDENTS IN UK HIGHER EDUCATION 5954
P. Seuwou, V. Adegoke, A. Pilkington, M. Daye

INTEGRATING CRITICAL RACE THEORY INTO UK HEALTHCARE TRAINING: TRANSFORMING EDUCATION TO TACKLE INSTITUTIONAL RACISM IN THE HEALTH SECTOR 5963
V. Adegoke, P. Seuwou, F. Farini, J. Parkes, A. Pilkington

ENRICHING TEACHERS' PRACTICES AND STUDENTS' LEARNING THROUGH OPEN EDUCATIONAL RESOURCES 5973
M. Romero Ariza, A. Quesada Armenteros, A.M. Abril, P. Rodríguez, M. Martín Peciña

REFLECTIVE PRACTICES AND EUROPEAN STANDARDS IN FRENCH FOREIGN LANGUAGE TEACHER TRAINING: INSIGHTS FROM THE UNIVERSITY OF GRANADA 5974
A. Ruyffelaert

INFLUENCE OF THE ACADEMIC YEAR AND UNIVERSITY DEGREE ENROLLMENT ON GRADES ACHIEVED: A STATISTICAL ANALYSIS OF THE COURSE BUSINESS FINANCIAL ANALYSIS 5980
M. Vaca, M. Serrano Segarra

THE IMPACT OF READING COMPREHENSION AND SUSTAINED ATTENTION ON STEM PROBLEM SOLVING AND ACADEMIC PERFORMANCE IN COMMERCIAL AVIATION UNIVERSITY PILOT STUDENTS 5990
M.A. Cuevas Silva, M.M. Mondéjar Valencia, T. Vallès-Català

ARTIFICIAL INTELLIGENCE TOOLS AND THEIR IMPACT ON HIGHER EDUCATION 6000
A.P. Lopes, F. Soares

LESSONS FROM A DECADE OF MOTION CAPTURE IN HIGHER EDUCATION: REFLECTIONS AND STRATEGIES FOR CREATIVE AND INTERDISCIPLINARY MEDIA 6007
W. Statham, C. von Paykull

FACILITATING FACULTY ENGAGEMENT WITH AI: PRACTICAL INSIGHTS FROM THE FRONTLINE OF HIGHER EDUCATION 6015
W. Statham

THE ATTITUDES OF EFL LEARNERS TOWARDS THE EFFECTIVENESS OF USING CHATGPT TO PRACTISE ENGLISH GRAMMAR 6025
M. Ada

ETHIC OF CARE, COMMUNITY DEVELOPMENT, AND TRANSFORMATIVE LEADERSHIP IN HIGHER EDUCATION: A POST-QUALITATIVE CASE STUDY OF CAPE BRETON UNIVERSITY, CANADA 6032
G. Howard

EMPOWERING FRENCH LANGUAGE EDUCATION THROUGH INNOVATIVE DIGITAL TOOLS AND COLLABORATIVE ICT PROJECTS 6033
A. Ruyffelaert

UNDERSTANDING COMPASSION FATIGUE IN FUTURE SPECIAL EDUCATION EDUCATORS 6037
J. Finn

A QUALITATIVE STUDY ON COMPASSION FATIGUE IN FUTURE TEACHERS: A CASE STUDY 6044
J. Finn

3D-PRINTED PROTEIN MODELS TRANSFORM BIOLOGY EDUCATION: INSIGHTS FROM SNOWFLAKE THE ALBINO GORILLA'S GENETIC MUTATION 6050
C.M. Luna-Román, L.A. Hernández-Carbajal, A.N. Castañeda-Sortibrán, M.A. Carballo-Ontiveros

LESSONS LEARNED FROM EVACUATION STRATEGIES OF A WILDFIRE IN ITALY 6055
C. Vianello, G. De Cet, M.A. Zanini, L. Hofer, G. Bottacin, G. Maschio, C. Pellegrino

ESTABLISHMENT OF THE FIRST PARAMEDICINE DEPARTMENT IN CENTRAL ASIA: DEVELOPMENT DIRECTIONS AND CHALLENGES 6056
C.E. Kim, Y.J. Kim, D.M. Shin, H.M. Yang, K.Y. Kim

SOFTIMPROVE: CHARACTERIZING SOFT SKILLS FOR EMPLOYABILITY, CAREER DEVELOPMENT AND ENTREPRENEURSHIP 6062
L. Villarejo, A. Galante, M. Cenedese, G. Gordo-Pérez, S. Sarria, B. Diep

SOFTIMPROVE ACADEMY: A FREE ONLINE MOOC PLATFORM TO DEVELOP SOFT SKILLS 6070
L. Villarejo, A. Galante, M. Cenedese, S. Sarria, B. Diep, B. Gordo-Pérez

K-12 DIGITAL LIVES AND INFORMAL LEARNING 6079
M. Amzalag, S. Hardof-Jaffe

ENHANCING HCI EDUCATION THROUGH ACTIVE LEARNING: A STUDY IN PALESTINIAN UNIVERSITIES 6080
M. Nawahdah

OPPORTUNITIES FOR PUBLIC RELATIONS SPECIALISTS TO ENHANCE THEIR KNOWLEDGE IN UNDERSTANDING THE FEATURES OF THE BRAND VALUE CO-CREATION DIMENSIONS 6087
T. Limba, A. Šidlauskas, E. Juozėnaitė

USING AI FOR RESHAPING REMOTE WORK AND LIFELONG LEARNING 6095
I. Hamburg

FOSTERING GLOBAL COMPETENCE AND EMPLOYABILITY THROUGH EXPERIENTIAL LEARNING: A TRANSNATIONAL CURRICULUM MODEL 6101
N. Wang

GAMES IN MATH 6108
P. Vondráková, P. Beremlijski

HOW STUDENTS IN RUSSIA GAIN THEIR PROJECT ORIENTED EXPERIENCE FROM OUTSIDE FORMAL CURRICULUM: ANALYSIS OF HIGHER EDUCATIONAL INSTITUTIONS' BEST PRACTICES ON YOUTH POLICY IMPLEMENTATION 6115
I. Laskina

APPLICATIVE METHODS OF TEACHING LAW SUBJECTS TO AGRONOMIST ENGINEERS 6124
C.M. Diaconu

INTERNATIONAL COMMISSION ON PHYSICS EDUCATION AS AN EXAMPLE OF GLOBAL COOPERATION 6128
T. Antimirova

ACADEMIC ACHIEVEMENT AND EMOTIONAL INTELLIGENCE: A COMPREHENSIVE REVIEW OF MODELS AND FRAMEWORKS 6134
H. Antonopoulou, C. Halkiopoulos

THE IMPACT OF EMOTIONAL INTELLIGENCE ON ACADEMIC AND SOCIAL OUTCOMES IN ADOLESCENTS: A COMPREHENSIVE REVIEW 6144
H. Antonopoulou, C. Halkiopoulos

NEUROSCIENCE AND EDUCATION: BRIDGING THEORY AND PRACTICE IN MODERN CLASSROOMS 6154
H. Antonopoulou, E. Gkintoni

DESIGNING EXERCISES TO PREVENT AI-ASSISTED CHEATING: STRATEGIES FOR EFFECTIVE LEARNING IN THE ERA OF CHATGPT 6164
E. Safiulina, O. Labanova, F. Soares, A.P. Lopes

THE IMPACT OF NEUROSCIENCE ON EMOTIONAL REGULATION IN LEARNING AND ACADEMIC PERFORMANCE 6169
H. Antonopoulou, E. Gkintoni

TELL THE STORY! CRAFTING NARRATIVES THAT INSPIRE COMMUNITY AND MEASURE IMPACT USING DATA VISUALIZATIONS 6179
M. Carnahan, T. Crayton, K. Parsons

INVESTIGATING SCIENCES STUDENTS' CONCEPTUAL CHANGE IN RELATION TO THEIR EXISTING SCIENTIFIC KNOWLEDGE REGARDING INCLUSION OF SDGS IN SCIENCE TEACHER EDUCATION CURRICULUM 6180
K. Booi, T. Sebotsa

EXPLORING TEACHERS' VIEWS ON THE AFFORDANCES OF USING INQUIRY-BASED TEACHING APPROACHES IN GRADE 11 SCIENCE DISCIPLINES 6185
K. Booi, T. Sebotsa

LEVERAGING AI TO ENHANCE MENTAL HEALTH SUPPORT IN POST-SECONDARY EDUCATION 6191
A. Rehman, J. Laffier, M. Westley

THE EVOLUTION OF COMPUTER SCIENCE EDUCATION RESEARCH: TRENDS, TOPICS, AND GAPS 6196
S. Parsons, N. Khuri

TEACH OR REACH: EMPOWERING THE NEXT GENERATION OF STUDENTS THROUGH TEXT ANALYSIS 6206
N. Khuri, S. Khuri

EDUCATIONAL ARTIFICIAL INTELLIGENCE (AIED) ADOPTION POLICIES IN HIGHER EDUCATION INSTITUTIONS 6214
P. Avitia-Carlos, F. Gárate Vergara, J.A. Ramírez Díaz

ENTREPRENEURSHIP FOR ENGINEERS AT NORTH CAROLINA STATE UNIVERSITY: ENHANCING LEARNING AND INCREASING EMPLOYABILITY 6215
B. Pittman

LANGUAGE PROFICIENCY: CARD GAMES FOR SUPPORTING A KEY SETTLEMENT ISSUE OF WHYALLA MIGRANTS 6216
J. Marquez, J. Penman

ENHANCING HIRING PROCESSES WITH MACHINE LEARNING: A MULTI-LABEL APPROACH TO PERSONALITY EXTRACTION FROM LINKEDIN DATA 6223
R. Alshowiman, M. Kalkatawi

DEVELOPMENT OF AN EDUCATIONAL ESCAPE ROOM TO FOSTER DIGITALIZATION-RELATED SKILLS AMONG TEACHER EDUCATION STUDENTS – EMPIRICAL DATA ON STUDENT ACTIVITY FROM THE DEVELOPMENT AND TESTING PHASE 6231
H. Birnkammerer, P. Urlbauer

DECONSTRUCTING STEREOTYPICAL REPRESENTATIONS OF ITALY IN TV SERIES THROUGH INTERCULTURAL EDUCATION 6241
C. Calicchio

INTEGRATION OF ACADEMIC-UNIVERSITY THEORETICAL CONTENT WITH PRACTICAL EXPERIENCE PROVIDED BY EXTERNAL PROFESSIONALS AT THE STRATEGIC AND TACTICAL-OPERATIONAL LEVELS 6248
V. Guerola-Navarro, R. Oltra-Badenes, H. Gil-Gomez, J.A. Gil-Gómez

ADAPTATION OF ACADEMIC STRATEGY IN A MASTER'S SUBJECT AT THE UNIVERSITAT POLITÈCNICA DE VALÈNCIA (UPV) DUE TO THE ISOLATED DEPRESSION AT HIGH LEVELS (DANA) IN OCTOBER 2024 6254
V. Guerola-Navarro, R. Oltra-Badenes, H. Gil-Gomez, J.A. Gil-Gómez

THE AI REVOLUTION IN K-12 EDUCATION: ARE EDUCATORS READY? 6259
I. Caruana, R. Gilar-Corbí, M. Palomar

ENHANCING COMPETENCY-BASED LEARNING IN AGRICULTURAL ENGINEERING: A PROJECT-BASED METHODOLOGY FOR TEACHING HYDRAULICS AND IRRIGATION 6266
A. Román, P. Martí, J. Rosselló-Veny, F. Tugores, M.M. Quetglas-Llabrés

PROJECT-BASED TEACHING METHODOLOGY TO ENHANCE COMPETENCY ACQUISITION IN THE SUBJECT TOPOGRAPHY 6273
A. Román, P. Martí, J. Rosselló-Veny, F. Tugores, M.M. Quetglas-Llabrés

ARTIFICIAL INTELLIGENCE IN UNIVERSITY EDUCATION: A SYSTEMATIC LITERATURE REVIEW 6282
I. González-Romero, J.C. Prado-Prado

INTRODUCING ARCHITECTURAL PHOTOGRAPHY AS A LEARNING TOOL: A STUDENT CIRCLE, AN EXHIBITION AND A FESTIVAL 6283
M. Moldovan, S.C. Borș, A.M. Oprică, O.A. Filip

AN ARCHITECTURE SCHOOL WITHIN A SKETCHBOOK: THE LONG-LASTING CONTRIBUTION OF AN HONORARY PROFESSOR 6289
S.C. Borș, A.M. Oprică, M. Moldovan, O.A. Filip

NAVIGATING COMPLEXITY: HOW QUESTIONS OF DIFFERENT LEVELS OF COMPLEXITY AFFECT LEARNING 6300
C. Caridade, V. Pereira

MATRICES IN MOTION: AN EDUCATIONAL JOURNEY THROUGH THE UNIVERSE OF LINEAR ALGEBRA 6310
C. Caridade, V. Pereira

DESIGN OF A VIRTUAL TRAINING SIMULATOR FOR MACHINING WITH PARALLEL KINEMATIC MACHINES 6321
A. Peidro, M. Fabregat-Jaén, P. Mollá-Santamaría, E. González-Amorós, J.M. Marín, O. Reinoso, D. Valiente

MEASURING THE SATISFACTION OF STUDENTS FROM THE ANALYSIS OF COMMUNICATIONS AND RELATIONS ON CAMPUS 6326
C. De-Pablos-Heredero, M.R. Pacheco-Olivares, M.A. Morales-Moya, M. Santos-Cebrián, R. Flores-Jimeno, C. Carrasco-Garrido

EDUCATION IN THE AGE OF AI: EXPLORING THE ROLE OF CHATGPT, INNOVATIONS, AND FUTURE DIRECTIONS 6332
T. Limba, L. Lelesiene, V. Lelesius, S. Novogreckas

LESSONS FROM LARGE-SCALE INTERNATIONAL PROJECTS: INSIGHTS FOR GLOBAL EDUCATION, COLLABORATION, AND AI INTEGRATION 6339
T. Limba, L. Lelesiene, V. Lelesius, S. Novogreckas

STUDENT SATISFACTION FROM THE QUALITY OF COMMUNICATIONS AND RELATIONSHIPS 6348
C. De-Pablos-Heredero, M.A. Morales-Moya, M.R. Pacheco-Olivares, M. Santos-Cebrián, C. Carrasco-Garrido, R. Flores-Jimeno

TEACHER MENTORING IN HIGHER EDUCATION: AN EXPERIENCE WITH NOVICE TEACHERS AT THE PRE-DOCTORAL AND POST-DOCTORAL LEVELS 6355
D. García-Valcarce, E. Lacalle, F. Martínez-Pastor

INTERNATIONALISATION STRATEGIES IN HIGHER EDUCATION: THE CASE OF LATVIA 6361
M. Giurato, P. Sospiro, M.C. Liscio, S. Capogna, M. Gavasso, D. Bregoli

ENHANCING ETHICAL AWARENESS IN UNDERGRADUATE EDUCATION: A SAUDI ARABIAN EXPERIENCE 6362
H. Ismail

CASE STUDIES FOR COLLABORATIVE GROUP DISCUSSIONS IN INTRODUCTORY PHYSICS COURSES FOR STEM PROGRAMS 6363
T. Antimirova

MEASURING SKILLS DEVELOPMENT IN SIMULATION-BASED TRAINING 6368
L. Herckis

WORKFORCE READINESS: INTERVENTIONS FOR TARGETED COMPETENCY DEVELOPMENT 6369
L. Herckis

ENHANCING THEORETICAL UNDERSTANDING AND PREDICTIVE ACCURACY IN E-LEARNING: INTEGRATING PLS-SEM WITH SELECTED MACHINE LEARNING ALGORITHMS 6378
M. Martínez-Gómez, L. Álvarez-Piñeiro, C. Berna-Escriche, E. Bustamante

LEARNING BY PLAYING - GAMIFICATION IN OPEN DATA 6382
L. Álvarez-Piñeiro, C. Berna-Escriche, M. Martínez-Gómez, E. Bustamante

SUSTAINABILITY GOALS AND CHALLENGES: TEACHING SUSTAINABLE FINANCE AND ESG RISKS USING MODERN METHODS 6387
I. Mavlutova, A. Natrins, J. Kuzmina

TEACHERS WITH DISABILITIES: A VOICE FOR INCLUSION 6392
A. Tosun, T. Sarı, F. Nayir

THE UNSEEN FORCE IN EDUCATION: HOW GENERATIVE AI IS RESHAPING LEARNING IN POSTGRADUATE PROGRAMS 6393
D. Morin, A. Hosseinipour

THE INTERSECTION OF AI TOOLS AND PEDAGOGY: PRESERVICE TEACHERS' PEDAGOGICAL KNOWLEDGE AS A KEYSTONE FOR LEVERAGING EDUCATIONAL AI TOOLS IN LESSON PLANNING 6399
A. Roxburgh, C. Bennett

REIMAGINING HIGHER EDUCATION: LEVERAGING AI AND BIOMIMICRY TO ENHANCE CREATIVITY AND COMPLEX PROBLEM-SOLVING SKILLS IN CIVIL ENGINEERING AND BEYOND 6405
A. Pacios Alvarez, T. Lenau, L. Boizumault, J. Ordieres-Meré

MITIGATING MISINFORMATION IN AI-POWERED EDUCATIONAL SYSTEMS: THE FORT VERIFICATION APPROACH 6414
B.J. Spiteri

IMPROVING LEARNING THROUGH IMMERSIVE EXPERIENCES IN DIGITAL TRANSFORMATION ENVIRONMENTS 6419
P.I.P. Lancellotta, J. Pedrozo Araujo, M. Barbosa, L.F.M. Bentes, L. Silva, V. Arlinson, B.A. Bonifacio, R. Pedrozo Araujo, L.R. Arantes Filho, N. Gouvea

THE IMAGE OF THE TEACHER COMMUNICATED IN LITHUANIAN NEWS PORTALS 6430
I. Zdanavičiūtė

HARNESSING ARTIFICIAL INTELLIGENCE AND GAMIFICATION TO ENHANCE ORAL READING FLUENCY IN EARLY LITERACY 6440
K. Spiegel, S. Homan

THE IMPACT OF DIGITALIZATION ON LIFELONG LEARNING 6446
C. Spanu

EXPLORING EDUCATORS' PERCEPTIONS OF COGNITIVE AND METACOGNITIVE SKILL DEVELOPMENT THROUGH COMPUTATIONAL THINKING ACTIVITIES IN THE ETWINNING COP 6455
P. Foti, T. Bratitsis

THE IMPORTANCE OF LEARNING AND PRACTICE COMMUNITIES IN EDUCATION: STRENGTHENING COLLABORATION, PROFESSIONAL GROWTH, AND INNOVATION: EDUCATORS' PERSPECTIVES IN GREECE 6465
P. Foti, T. Bratitsis

EDUCATION FOR SUSTAINABILITY IN THE AUTOMOTIVE ENGINEERING DEGREE: SUSTAINABILITY AS A FUNDAMENTAL PILLAR FOR THE EDUCATION OF AUTOMOTIVE ENGINEERING STUDENTS 6475
P. Martinez-Blanco, I. Tazo, J.R. Hernández, J.A. Ramos, I. Aramendia, J. Campayo, R. Delgado, C. Escudero, B. Garcia, I. Manero, D. Teso

POSSIBILITIES FOR SUPPORTING EDUCATION AND ENHANCING THE QUALITY AND EXPERTISE OF TEACHERS OF SLOVAK CHILDREN LIVING ABROAD 6484
Z. Kováčová Švecová, R. Čiliaková

ANALYSIS FROM A GENDER PERSPECTIVE OF INTERNSHIPS IN ENGINEERING DEGREES 6489
I. Tazo, P. Martinez-Blanco, A. Mesanza, K. Artano

FOUNDATIONAL ICT SKILLS AS PREREQUISITE FOR ADULT EDUCATORS' PROFESSIONAL DEVELOPMENT 6496
T. Verbesselt, D. De Pryck, K. DePryck, S. Rakhan

THE CULTURAL AND NATURAL ENVIRONMENT AS A FUNDAMENTAL FRAMEWORK FOR FOREIGN LANGUAGE TEACHING 6501
R. Čiliaková

DEVELOPING AND IMPLEMENTING A CONCEPT-BASED CURRICULUM IN ASYNCHRONOUS ONLINE EDUCATION: CHALLENGES, STRATEGIES, AND LESSONS LEARNED 6508
C. Anyinam, S. Coffey

BASIC FOUNDATIONS IN THE CREATION OF A SLOVAK LANGUAGE TEXTBOOK AS A SECOND LANGUAGE 6515
Z. Kováčová Švecová

AUTOCORRECTION AND ITS PRINCIPLES IN EDUCATIONAL MATERIALS FOR SLOVAK CHILDREN LIVING ABROAD 6522
R. Čiliaková, Z. Kováčová Švecová

INTERDISCIPLINARY PROJECTS FOR DEVELOPING ENVIRONMENTAL LITERACY AND ENVIRONMENTAL IDENTITY OF PRIMARY SCHOOL STUDENTS 6529
V. Županec, M. Marušić Jablanović, J. Stanišić, S. Savić, Z. Veinović, D. Đorđević

FLIPPING THE CLASSROOM TO ENHANCE BIOLOGY AND ECOLOGY LEARNING IN PRIMARY SCHOOL 6530
V. Županec, T. Lazarević, T. Pribićević

STAR-SPANGLED DREAMS: MAPPING INDIAN STUDENT MIGRATION TO THE US 6536
A. Datta

THE TRIANGLE OF EFFECTIVE LEARNING 6537
G. Mata Hernández

MODULAR AND ADAPTABLE ELECTRIC VEHICLE EDUCATIONAL PROTOTYPE 6547
A. Cruz Hernández, G. Mata Hernández

THE UBIQUITY OF INNOVATIVE TECHNOLOGIES AND HOW NEW GENERATIONAL DIGITAL PLATFORMS' ATTRACTIVENESS INFLUENCE ACADEMIC EXPERIENCES AND KNOWLEDGE ATTAINABILITY 6552
A. Pearce

AUTONOMOUS LEARNING IN PRIMARY SCHOOLS IN COLOMBIA: LONGITUDINAL STUDIES TO COMPARE GRADES SIX AND NINE 6553
T. Suzuki

THE EXPERIENCES OF THE FORMATION OF A NETWORK IN SOCIAL WORK EDUCATION BETWEEN A GERMAN AND AUSTRALIAN UNIVERSITY 6554
N. Tigges, A. Hendrick, S. Young

POTENTIAL USES OF CHATGPT-3.5 IN CHEMISTRY EDUCATION 6555
M. Teplá, R. Maršálek

INTERNATIONALISATION OF HIGHER EDUCATION IN JAPAN 6560
T. Suzuki

STEM EDUCATION AS A CATALYST FOR CITIZEN SCIENCE ENGAGEMENT IN THE WESTERN BALKANS 6561
J. Prodanova, M. Polenakovikj, T. Velkovski, M. Velkovska, L. Kocarev

REVOLUTIONISING SOCIAL WORK EDUCATION: CRITICAL AND COUNTER OPPRESSIVE PEDAGOGY FOR COLLABORATIVE AND CO-DESIGNED STUDENT-STAFF TEACHING AND LEARNINGS 6566
S. Young, A. Hendrick, N. Tigges

TRANSFORMING PILOT TRAINING AND FAMILIARIZATION WITH AIRPORT BRIEFING 6567
M. Polenakovikj, R. Polenakovikj

ETHICAL CHALLENGES IN IT GOVERNANCE: EXPLORING DECISION-MAKING MODELS 6574
L. Cuenca, A. Boza, M.A. Mateo-Casalí

THE UNIVERSITY BOTANICAL GARDEN AS A RESOURCE FOR ACTIVE OUTDOOR LEARNING: A PILOT INITIATIVE TO ENHANCE SCIENTIFIC LITERACY SKILLS ON PLANT ECOPHYSIOLOGY AND PROMOTE SUSTAINABILITY AWARENESS 6579
M.T. Gómez-Sagasti, T. Fuertes-Mendizábal, R. Esteban

EDUCATIONAL STRATEGIES TO PROMOTE AWARENESS OF ARTIFICIAL COLORANTS IN PRE-UNIVERSITY STUDENTS 6585
C. Ojalvo, P. Ojalvo, A. Guiberteau

MAXIMIZING THE EFFECTIVENESS OF PRACTICAL LABORATORY SESSIONS IN SCIENCE EDUCATION 6594
L.M. Contreras-Moyeja, A. Carrillo-Moreno, F.J. Las Heras-Vázquez, J.M. Clemente Jiménez

EARLY IDENTIFICATION OF STUDENTS WHO MAY POTENTIALLY FIND IT DIFFICULT TO MASTER THE SUBJECT MATTER 6602
G. Tamberg

OPTIMIZING LECTURE ROOM DESIGN: TRENDS AND PRACTICES FOR STUDENT ENGAGEMENT IN HIGHER EDUCATION 6603
A. Kirsten, D. Robertson

REVITALIZATION OF TECHNICAL AND VOCATIONAL EDUCATION! RESEARCH ON IMPROVING THE COMPETITIVENESS OF HIGHER TECHNICAL AND VOCATIONAL EDUCATION 6610
J.C. Chang, C.L. Guo

APPLICATION OF THE FLIPPED CLASSROOM METHODOLOGY IN LEARNING THE DEVELOPMENT OF MOBILE INTERFACES 6620
I. Diaz-Cano, T. Choji, A. Morgado Estevez

HARNESSING ARTIFICIAL INTELLIGENCE AND GAMIFICATION IN ACTIVE LEARNING: ENHANCING PERSONALIZATION, EFFICIENCY, AND COMPETENCY DEVELOPMENT IN HIGHER EDUCATION 6627
V.M. Andrés Seguí, M.M. Arguedas Lafuente, E. Barberà Gregori

USERS' PERCEPTIONS ABOUT THE OPEN EDUCATIONAL SMART CAMPUS (OESC) IN A HIGHER EDUCATION INSTITUTION 6628
B. Batista, M. M. Marques

EMPOWERING EDUCATORS THROUGH TECHNOLOGY: THE ROLE OF LEADERSHIP IN EDTECH INTEGRATION 6634
B. Costache

DEVELOPMENT OF DIGITAL LEARNING MATERIALS TO PROMOTE COMPUTATIONAL THINKING SKILLS IN GRADES 1–9 6643
D. Lehtonen, M. Parviainen, H. Kaarto, P. Räsänen, V. Dagienė

BRIDGING THE DIGITAL DIVIDE: LEVERAGING TECHNOLOGY FOR INCLUSIVE EDUCATION IN MARGINALIZED COMMUNITIES 6651
B. Costache, V.A. Enachescu

FACTORS AFFECTING DIGITAL COMPETENCY IN HEALTHCARE: SCOPING REVIEW 6660
S. Litiņa, I. Upmale

TOWARDS AN INCLUSIVE SOCIETY VIA A SUITE OF EDUCATIONAL INSTRUMENTS 6669
A. Kameas, E. Georgakakou

CONVERSATIONAL ASSISTANTS IN EDUCATION: ADVANTAGES, CHALLENGES, AND OPPORTUNITIES FOR THE FUTURE 6675
D. Hari, D. Zemljak, M. Kerneža, N. Kurbus, M. Vičič Krabonja, A. Flogie

MEDICINE STUDENTS' CYBERSECURITY AWARENESS AND ITS IMPROVEMENT 6684
E. Cymer, T. Szymczyk, M. Matczuk, P. Kisała

ENHANCING EDUCATIONAL LEADERSHIP THROUGH GAMIFICATION: THEORY AND PRACTICE IN PRIMARY SCHOOLS 6690
G. Kalogeratos, C. Travlou, C. Tseremegklis, E. Anastasopoulou, K. Lourida, C. Pierrakeas

EXPLORING THE IMPACT OF AI-BASED ASSISTANCE FUNCTIONS ON COLLABORATIVE BUSINESS PROCESSES 6701
J. Paul, T.T. Richter

INVOLVING STUDENTS IN RESEARCH AS A WAY TO MODERNISE EDUCATION AT TECHNICAL UNIVERSITIES 6710
E. Cymer, M. Matczuk, T. Szymczyk, P. Kisała

ENHANCING EDUCATIONAL OUTCOMES THROUGH DIGITAL SKILLS: ADDRESSING LIFELONG LEARNING AND DISTANCE EDUCATION CHALLENGES 6720
G. Kalogeratos, C. Travlou, C. Tseremegklis, E. Anastasopoulou, K. Lourida, C. Pierrakeas

ENHANCING EDUCATIONAL LEADERSHIP THROUGH TECHNOLOGY: A SCOPING REVIEW OF THE IMPACT AND STRATEGIES FOR EFFECTIVE INTEGRATION IN SOUTH AFRICAN SCHOOLS 6731
S. Tenywa, E. Ojo

HOW CAN WE MAKE MICROBIOLOGY RELEVANT TO PRIMARY SCHOOL STUDENTS? 6737
R. Branquinho, M. Gonçalves, F. Vidal, O. Cabral, R. Pereira

ENHANCING STUDENT ENGAGEMENT AND MATHEMATICAL SKILLS THROUGH AN ONLINE PLATFORM 6747
A.P. Lopes, F. Soares, M.P. Nunes

THE ROLE OF TECHNOLOGY IN SUPPORTING HIGH ACHIEVEMENT IN DISTANCE EDUCATION - A USES AND GRATIFICATIONS EXPECTANCY PERSPECTIVE 6756
J. Kimuli, E. Ojo

HEALTHY HABITS IN PRE-SCHOOL AND PRIMARY SCHOOL TEACHERS IN A REGION OF SPAIN: A STUDY PROTOCOL 6763
A.M. Maiso-Ortega, J. Barrio-Cortes, M. Díaz Quesada, M.T. Beca-Martínez, C. Ruiz-Zaldibar, A. Vicario-Merino, B. Cano Dólera, J.C. Huedo-Erans, C.M. Lozano-Hernández

MOTIVATING MINDS: THE IMPACT OF A SERIOUS BOARD GAME ON ELECTRON CONFIGURATION LEARNING 6767
K.N. Mezey, C. Sógor

DEMOCRATIC CITIZENSHIP AND ETWINNING EDUCATIONAL CONTEXTS: EXPLORING AN EMPIRICAL PRACTICE PARADIGM 6775
E. Kalogirou, A. Michalopoulou

WORKPLACE LEARNING NEEDS OF GREEK POSTAL SECTOR EMPLOYEES REGARDING DIGITAL AND GREEN COMPETENCIES 6781
I. Paliokas, M. Tsipouras, C. Bellos, E. Varvarousi, E. Gavala, A. Maragkakis, A. Kameas

IMPACT OF THE SEISMO INTERVENTION ON WEIGHT REDUCTION IN SCHOOL CHILDREN: STUDY PROTOCOL 6790
B. Cano Dólera, G. Según Mercader, S.F. Gómez Santos, J. Barrio-Cortes, M.T. Beca-Martínez, C. Ruiz-Zaldibar, A. Vicario-Merino, A.M. Maiso-Ortega, J.C. Huedo-Erans, C.M. Lozano-Hernández

ANALYSIS OF PSYCHOPHYSICAL PERFORMANCE WITH NEURAL TRAINER EQUIPMENT AND SMARTWATCH IN UNIVERSITY STUDENTS: STUDY BASED ON REACTION TIMES AND SUCCESSES IN MOTOR SEQUENCES 6795
N. Pinto Ticona, N. Chavez Salas, M. Valverde Riveros, J. Sulla Torres

APPLICATION OF FUZZY LOGIC FOR EVALUATION OF STUDENT PERFORMANCE 6803
M. Tomovic, C. Tomovic, V. Jovanovic, S. Bawab

EXPLORING VIEWS & PRACTICES IN TEACHING ENGLISH FOR SUSTAINABLE DEVELOPMENT (TESD) TOWARD COURSE DEVELOPMENT 6813
P.J. Ruedas, A.C. Park

EMPOWERING LEARNING THROUGH DIGITAL LEADERSHIP IN EDUCATION 6814
V.A. Enachescu, B. Costache

THE APPLICATION OF CREATIVE METHODS FOR FORWARD THINKING LEADERS IN STRATEGY FORMULATION AND DEPLOYMENT 6822
M. Macintyre, H. Richmond, Y. Kunter, R. O'Connor

PARTICIPATORY PEDAGOGY IN AI: A FRAMEWORK FOR STUDENT-CENTERED COURSE DESIGN IN HIGHER EDUCATION 6823
R. Allen, B. Batch, N. Douglas, A. Nakonechnyi, O. Holub

WALLS OF DISCOURSE: COMMUNITIES OF PRACTICE AND CULTURAL PRODUCTION IN ACADEMIC SUPPORT SPACES 6824
H. Botros

GENDER IN SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM) UNIVERSITY PROGRAMMES IN SPAIN 6825
R. Sanchis, M. Pérez-Sánchez, B. Cantó, J. Mula

APPLICATION OF STEAM TECHNOLOGIES IN INCLUSIVE PHYSICAL EDUCATION 6834
O. Kitikar (Naboka), A. Polevaia-Secareanu, I. Derkachenko, A. Cotorcea

METAVERSE IN HIGHER EDUCATION 6838
R. Sanchis, J. Mula, E. Pérez-Bernabeu, M. Díaz-Madroñero

FEATURES OF THE FORMATION OF PROFESSIONAL COMPETENCES IN FUTURE SPECIALISTS IN ADAPTIVE PHYSICAL CULTURE 6848
O. Kitikar (Naboka), A. Polevaia-Secareanu, I. Derkachenko, A. Cotorcea

A STUDY ON THE UTILIZATION OF KOREAN SCHOOL FACILITIES AS PUBLIC SPACES FOR LOCAL COMMUNITIES 6854
Y. Kim, Y.S. Hwang

ANALYTICS FOR THE ASSESSMENT OF COMPUTATIONAL THINKING 6861
J. Bilbao, E. Bravo, O. García, C. Rebollar, V. Dagienė, V. Masiulionytė-Dagienė, A. Jankauskienė, M.J. Laakso, H. Kaarto, D. Lehtonen, M. Parviainen, I. Güven, Y. Gulbahar, T. Öztürk, N. Tan Yenigün, Z. Pluhár, P. Sarmasági, A. Rumbus, A. Pears

THE PARTICIPATION OF YOUNG PEOPLE AND LOCAL COMMUNITIES IN THE VALORIZATION OF CULTURAL HERITAGE WITH THE HELP OF DIGITAL TECHNOLOGIES: A CASE STUDY 6869
D. Sigona, C. Linati, D. Volontè, G. Agostoni, C. Tamplenizza, A. Santos

DESIGNING A PROJECT-BASED E-LEARNING COURSE FOR ENHANCING ENGLISH LANGUAGE LEARNING, PARTICIPATION, AND PEER COLLABORATION AMONG PRIMARY SCHOOL PUPILS 6877
E. Choustoulakis, C. Garas, F. Paraskeva

CONTRACT CHEATING WEBSITES IN SPAIN: ONLINE TRAFFIC TRENDS AND IMPLICATIONS FOR ACADEMIC INTEGRITY 6888
R. Comas-Forgas, M. Vallespir-Adillón, M. Morey-López

USING SCENARIOS IN PROJECT MANAGEMENT CLASS ACTIVITIES 6889
I.A. Drobot

EXPLORING THE IMPACT OF ICT INTEGRATION IN PHYSICAL EDUCATION ON ENHANCING EMOTIONAL WELL-BEING IN PRIMARY SCHOOL STUDENTS WITH PSYCHOSOCIAL BARRIERS 6897
D. Poulitsa, E. Choustoulakis, A. Travlos

FROM NOVICE TO EXPERT: THE LIFELONG JOURNEY OF CONTINUOUS MEDICAL EDUCATION 6902
C. Petcu, B. Costache, C.G. Bejinariu

STUDENT PERCEPTIONS OF UNIVERSITY VALUES IN FACULTY TEACHING PRACTICES 6908
R. Comas-Forgas, M. Briceño-Caballero

INTERWEAVING ENTRECOMP, GAME-BASED LEARNING AND EXPERIENTIAL LEARNING FOR THE DESIGN OF AN ENTREPRENEURSHIP TRAINING PROGRAMME 6909
T. Bratitsis, M. Ferreira Dias, I. Gomes, G. Meireles, U. Ryciuk, A. Daunoriene, Y. Melanthiou, E. Rollnik-Sadowska, A. Daubarienė, V. Triga, M. Amorim, A.L. Ribeiro, C. Silva, C. Alves

THE FEASIBILITY OF USING ARTIFICIAL INTELLIGENCE TECHNOLOGIES IN FLIPPED CLASSROOMS 6919
M. Albahiri, M. Almatrafi

GAMIFYING MACHINE LEARNING EXPERIENCES: IMPLICATIONS AND OUTCOMES 6928
J. Bilbao, A. Olozaga

UNIVERSITY ATTRACTIVENESS AND INTERNATIONALISATION STRATEGIES: INSIGHTS FROM THE ADRIATIC-IONIAN REGIONS 6933
M. Giurato, P. Sospiro, M.C. Liscio, J. Pange, D. Bregoli

LEADERSHIP FOR LIFELONG LEARNING: PREPARING MEDICAL PROFESSIONALS FOR DYNAMIC HEALTHCARE LANDSCAPES 6934
C. Petcu, V.A. Enăchescu, C.G. Bejinariu

LEADERSHIP STRATEGIES AND ORGANIZATIONAL MANAGEMENT IN SCHOOLS: ADDRESSING ADOLESCENT ANXIETY IN AN ERA OF GROWING CHALLENGES 6941
C. Petcu, V.A. Enăchescu, B. Costache

THE ROLE OF AUDIENCE DYNAMICS IN SHAPING ARCHITECTURAL DIPLOMAS EXHIBITIONS: BALANCING EXPECTATIONS AND EDUCATIONAL OUTCOMES 6946
A.M. Oprică, M. Moldovan, O.A. Filip, S.C. Borș

DESIGNING A GENERAL EDUCATION CURRICULUM ON K-LIFESTYLE: ENABLING CREATIVE LEARNING IN APPAREL, FOOD, AND HOUSING THROUGH AI AND DIGITAL PLATFORMS 6953
K.H. Lee, Y. Park, Y.S. Hwang, J.H. Kim

DESIGNING AND EVALUATING AN ACCESSIBLE SMARTPHONE-BASED APP FOR BLIND AND VISUALLY IMPAIRED STUDENTS FOR LEARNING MATHEMATICS 6954
M. Shoaib, R. Minghim, I. Pitt

EVALUATION OF LEARNING DIFFICULTIES, MINDFULNESS AND COGNITIVE LOAD AMONG UNIVERSITY STUDENTS 6962
G. Sart, B. Korkmaz, M. Alpdündar, A. Güllüpınar, B. Kıyak, A.B. Taşkın

BLENDED LEARNING, A PANDEMIC LEGACY FOR GEN Z: TRANSFORMING CORE LECTURES IN HIGHER EDUCATION 6963
K.H. Lee, S.J. Kim, N. Ju, G.Y. Ahn

MANAGEMENT OF TECHNOLOGY USE AND OVERCOMING LEARNING DIFFICULTIES AMONG UNIVERSITY STUDENTS 6964
G. Sart, B. Korkmaz, M. Alpdündar, A. Güllüpınar, B. Kıyak, A.B. Taşkın

ASSISTIVE SOLUTIONS BASED ON ARTIFICIAL INTELLIGENCE - IN SUPPORTING AN INCREASED ACCESS OF USERS WITH SPECIAL NEEDS TO MODERN LIBRARY SERVICES 6965
I.C.C. Crihană

FOSTERING CREATIVITY, COLLABORATION, AND CRITICAL THINKING – RESULTS FROM A MATHEMATICS PROJECT ACTIVITY 6972
F. Soares, A.P. Lopes, M.P. Nunes

THE QUANTUM FOR ALL PROJECT PROFESSIONAL DEVELOPMENT MODEL AND THE EFFECT ON CLASSROOM IMPLEMENTATION 6983
R. Lopez, K. Matsler

FROM HYPE TO UNDERSTANDING: EDUCATIONAL STRATEGIES FOR LEVERAGING AI IN TEACHING AND LEARNING 6988
J.A. Ramírez Masferrer, J. Herrera Herbert, R. Arranz Revenga

SOS NURSING: PLAYFUL INNOVATION IN CRITICAL AND EMERGENCY CARE FOR NURSING UNDERGRADUATES 6994
B. Luiza Habermann Zuliani, R. Evaristo dos Santos, C. Novoa Fernandes

WOLFRAM | ALPHA & CHATGPT IN THE DESIGN AND ANALYSIS OF MATHEMATICAL MODELS 7003
J.C. Valverde

EFFECTIVENESS OF AN EDUCATIONAL APPLICATION ON NURSING CLINICAL PATHWAYS – THE QUALITY RESULTS OF AGILITY PROJECT 7011
V. Boutopoulou, E. Zoulias, E. Vlachioti, D. Pappa, S. Giorgiev, A. Yanakieva, S. Lazova, V. Matziou

LESSONS LEARNED AND FUTURE PROPOSALS: A TWO-YEAR EXPERIENCE WITH EELISA CHALLENGES IN CIRCULAR ECONOMY FOR CONSTRUCTION AND DEMOLITION WASTE 7012
J.A. Ramírez Masferrer, A. Pacios Álvarez, M.A. Florez de la Colina, R. Arranz Revenga, J. Herrera Herbert, J. García Navarro

DEVELOPMENT OF AN AUTOMATED TIC-TAC-TOE BOARD AS AN INTERACTIVE LEARNING TOOL THROUGH THE STEM APPROACH 7021
E. Barbosa Caldeira, E. Alves Dos Santos Neto, K.C. Tavares de Freitas, M. Bastos, A. Kimura Junior

DETERMINING THE DIGITAL RESILIENCE PROFILES OF CLASSROOM TEACHERS 7029
A. İstanbullu, Ö. Delialioğlu, O. Akkurt

LESSONS FROM THE TECHNOVATION GIRLS CHILE PROGRAM: WHAT HELPS THE INCREASE IN STEM SKILLS AND STEM VOCATIONS IN SCHOOL? 7037
M. Klingenberg, C. Diaz, M. Rojas

USING GENERATIVE AI TO CREATE HOMEWORK PROBLEMS IN A MODERN PHYSICS COURSE 7038
A. Dange, R. Lopez

COMBINING PURE QUESTION-BASED LEARNING AND INTERACTIVE AUDIO FOR INCLUSIVE SOUND AND MUSIC EDUCATION 7048
K. Falkenberg, H. Lindetorp, O. Bälter, R. Glassey

LEARNING TO PROGRAM USING NOTEBOOKS AND VIDEO-BASED LEARNING 7056
G.E. Peralta-Peñuñuri, M.L. Barrón Estrada, R. Zatarain Cabada

RESEARCH AND STORYTELLING IN THE CONTEXT OF PRISON: ETHICAL CHALLENGES IN THE REPRESENTATION OF DETAINED INDIVIDUALS 7063
E. Panepinto

INTEGRATION OF SCRUM PROJECT-BASED LEARNING (PBL) AND FORUM TOOLS IN COMPUTER ENGINEERING DEGREE EDUCATION 7070
H.R. Pinto

A COLLABORATIVE LEARNING ENVIRONMENT USING A PEDAGOGICAL AGENT WITH COGNITIVE APPRENTICESHIP STRATEGY 7077
M.L. Barrón Estrada, R. Zatarain Cabada, C. Sosa Ochoa, A.J. Bustillos Martínez

APPLIED DATA MINING IN THE TOURISM DOMAIN: EXCHANGING TEACHING-LEARNING PRACTICES UNDER THE ERASMUS+ PROGRAMME 7088
I. Seruca, M. Medrek

DATA-DRIVEN CHALLENGES FOR ENERGY ENGINEERS: BLENDING ENTREPRENEURIAL TRAINING THROUGH DATA-DRIVEN CHALLENGES IN A STRUCTURED-FLEXIBILITY PROJECT-BASED LEARNING ENVIRONMENT 7096
E. Prieto-Araujo, M. Marin, O. Larrabure Mercado, A. Gelan

EXAMINING THE IMPACT OF NEUTRALIZATION TECHNIQUES AND DISCUSSION ON STUDENT ETHICAL DECISION MAKING: A PRE-TEST POST-TEST EXPERIMENT 7107
C. Sanchez Rodriguez, J. Jones

ARTIFICIAL INTELLIGENCE FOR HIGHER EDUCATION: IMPROVEMENT OR REVOLUTION? 7108
A. Soler-Domínguez, A. Arnau-Paradís, J.C. Matallín-Sáez, R. Arnau-Notari, F. Silvestre-Capilla

MENTORING SUPPORT FOR UNIVERSITY TEACHERS AND ADMINISTRATIVE STAFF WHO HAVE TO WORK WITH CHINESE STUDENTS: TRANSFERRING KNOWLEDGE AFTER AN ERASMUS+ STRATEGIC PARTNERSHIP PROGRAMME 7113
M.C. Espin-Garcia, M. Fuentes Agustí

STRATEGIC APPROACHES TO ADVANCING POSITIVE EDUCATION IN SCHOOLS 7114
D. Pappa, J. Pawlowski, K. Clements, S. Sotiriou

UNLOCKING MUSIC WITH CI: ACTIVE LISTENING BASED ON A LEARNING MECHANICS-GAME MECHANICS MODEL GAME PROTOTYPE 7119
H. Andersson, K. Falkenberg

ARTS INTEGRATION WITH TECHNOLOGY IN PRIMARY SCHOOLS: A CATALONIA PERSPECTIVE 7128
N. Escala, M. Guitert Catasús, T. Romeu Fontanillas

A COMPARATIVE ANALYSIS OF THE ROLE OF SPORTS IN ENHANCING SOCIAL INCLUSION AND PERSONAL DEVELOPMENT FOR INDIVIDUALS WITH INTELLECTUAL DISABILITIES IN BULGARIA AND IRELAND 7135
M. Pirina, M. Farooq, R. Solinas

TEACHING FOREIGN LANGUAGES IN THE AGE OF AI: EXPERIMENTS IN AN ADVANCED CHINESE LANGUAGE CLASS 7142
V. Shen

FOSTERING TEACHER COLLABORATION FOR POSITIVE EDUCATION: A PLATFORM FOR CO-CREATING POSITIVE LEARNING SCENARIOS 7147
D. Pappa, S. Perros

DIGITAL WELLNESS: A NEW PSYCHOLOGICAL FRAMEWORK THAT SUPPORTS PSYCHOEDUCATIONAL PRACTICES 7148
J. Laffier

CURRICULUM TO CAREER: STUDENT PERCEPTIONS OF COURSE RELEVANCE TO WORKPLACE EXPERIENCE 7155
S. Guidera, F. Pariafsai

INSIGHTS FROM 7 YEARS OF CODYMAZE EXPERIMENTS 7162
L. Klopfenstein, B. Paolini, G.M. Di Francesco, A. Bogliolo

THE EFFECTIVENESS OF SYSTEM THINKING ANALYSIS USING ARCHIMATE IN THE FIELD OF EDUCATION: A CASE STUDY OF THE HOME EDUCATION SYSTEM IN BRITISH COLUMBIA, CANADA 7172
S. Yamamoto, M. Matsumoto

A THEORETICAL FRAMEWORK FOR INTEGRATING AI AND MENTAL HEALTH LITERACIES TO ENHANCE YOUTH WELL-BEING AND EDUCATION 7179
J. Laffier, A. Rehman, M. Westley

TECH WITH A CONSCIENCE: A TECHNOLOGY INTERVENTION FOR STUDENT MENTAL HEALTH 7186
J. Laffier, M. Westley, A. Rehman, G. Erikson, R. Sonderby

EVALUATION OF THE EFFECTIVENESS OF GAME STRATEGIES IN LEARNING AND CONTENT RETENTION IN HIGH SCHOOL STUDENTS 7195
C. Novoa Fernandes, L. Yessica Choqhe Quispe, L. Lopomo Defendi, F. Santos Marques, T. Costa Pereira

EMBRACING THE FULL PERSONHOOD OF OUR STUDENTS: AN IMPERATIVE IN MULTICULTURAL SCHOOLS 7205
T. Stosovic, C. Kokoris

UTILIZING PROJECT BASED LEARNING AND MAKERSPACE TO INCREASE ATTENDANCE AND ACADEMIC SELF EFFICACY IN A RURAL NATIVE AMERICAN SCHOOL 7213
K. McCrea

STAGING THE FUTURE: THE EVOLUTION OF DRAMA EDUCATION IN THE CHINESE EDUCATIONAL SYSTEM 7218
Y. Huang

A DIDACTIC ROBOTIC ARM FOR TEACHING CONCEPTS OF INDUSTRIAL AUTOMATION, 3D PRINTING AND THE INTERNET OF THINGS 7228
P. Figueiredo, A. Costa, V. Bremgartner, K. Farias, S. Araújo, A. Torres

CHALLENGE BASED LEARNING ASSESSMENT IN HIGHER EDUCATION: INSIGHTS FROM ALUMNI ON WORK AND LIFE SKILLS 7234
L. Chapel, K. DePryck, I. Wambacq

ENHANCING GENETICS TEACHING THROUGH ACTIVE LEARNING: A PILOT STUDY ON EUKARYOTIC GENE REGULATION 7235
Z. Muñoz-Juárez, A.N. Castañeda-Sortibrán, M.A. Carballo-Ontiveros, M. Nahmad-Bensusan

EVALUATING THE EFFECTIVENESS OF SCHOOL POLICING: SUSTAINING SCHOOL RESOURCE OFFICERS AS A GLOBAL RESPONSE TO CRISES 7239
I. Akin, R. Burress

ENHANCING STEM-RELATED TEXT COMPREHENSION AND VOCABULARY DEVELOPMENT: EVIDENCE FROM TWO EMBODIED STRATEGIES 7240
L. Gomez Franco, M.G. Badilla-Quintana

PROMOTING WELLNESS THROUGH ONLINE MENTORING FOR STUDENTS' PERSONAL AND PROFESSIONAL SUCCESS 7241
I. Akin, M. Murrell Jones, S. Murrell Dilbert

MOTIVATION TO STUDY - COMPARISON AMONG TECHNICAL UNIVERSITY STUDENTS AND ELEMENTARY AND SECONDARY PUPILS 7242
Z. Murčinková, J. Murčinko

VISUALISATION OF COMPLEX MECHANICAL SYSTEMS USING CAX AND AUGMENTED REALITY TECHNOLOGIES 7252
Z. Murčinková, D. Sabol, M. Töröková

PLACE MATTERS: ADVANCING PLACE-BASED COMMUNITY ENGAGEMENTS AS REFLEXIVE TEACHING PEDAGOGY 7261
A.C. Park

STUDENTS WITH AUTISM WRITING DIGITAL DIARIES - COMMUNICATION IN SPECIAL EDUCATION BETWEEN SCHOOL AND HOME 7262
P. Josefsson, L. Kahlin, A. Andersson, O. Celik

DIGITAL TOOLS AND COMMUNICATION IN SPECIAL SCHOOLS: A PILOT STUDY ON MEANINGFUL INTERACTION 7263
P. Josefsson, L. Kahlin

SECONDARY STEM+C EDUCATION IN THE UNITED KINGDOM AND THE ENGLISH SPEAKING CARIBBEAN 7264
A. Joseph, C. Turner

CONNECTING PEOPLE WITH SCIENCE SINCE 2001: SCIENZAPERTUTTI, AN OUTREACH PROJECT BY INFN 7272
D. Domenici, L. Bandiera, M. Battaglieri, S. Bertelli, M. Cinausero, C. Collà Ruvolo, A. Gozzelino, S. Hemmer, S. Marcellini, C. Oppedisano

PROPOSAL OF A METHOD FOR ESTIMATING THE MEANING OF MATHEMATICAL SYMBOLS CONTAINED IN NATURAL LANGUAGE SENTENCES 7278
Y. Miyazaki, K. Imura

UNIVERSITY – INDUSTRY COLLABORATIONS IN THE CONTEXT OF EUROPEAN DOCTORAL EDUCATION FOR ENGINEERS AND THE MSCA ITNS 7282
M. Gilchrist, G. Hanley, A. Ní Annaidh, N. Zhang

DEVELOPMENT OF A NOVEL DLP 3D PRINTING TECHNOLOGY FOR PRECISION MANUFACTURING OF MICROFLUIDIC DIAGNOSTIC CHIPS 7286
X. Wang, G. Hanley, M. Gilchrist, N. Zhang

DEVELOPMENT OF NOVEL POLYMER SURFACES FOR IN-VITRO DIAGNOSTIC APPLICATIONS BY MICRO-INJECTION MOULDING 7290
A. Jagannath, G. Hanley, J. Hassan, M. Gilchrist, N. Zhang

DEVELOPMENT OF BIOMIMETIC-INSPIRED TEXTURED SURFACES FOR DRY FRICTION APPLICATIONS IN POLYMER MEDICAL DEVICES 7294
I. Evangelista, G. Hanley, M. Gilchrist, D. Wencel, N. Zhang

ENHANCING INTERNATIONAL STUDENT ENGAGEMENT AND LEARNING THROUGH VIDEO-BASED ASSESSMENT: ADDRESSING CHALLENGES IN THE AI ERA 7298
N. Zhang

COPERNICUS ACADEMY CZ - EARTH OBSERVATION IN SCHOOLS AND IN PRACTICE 7299
P. Stych, J. Lastovicka, D. Paluba, J. Svoboda

ENHANCING SELF-EFFICACY IN PROSPECTIVE PRIMARY SCHOOL TEACHERS: CHALLENGES AND OPPORTUNITIES IN MULTICULTURAL CONTEXTS 7303
A. Natalini, M. Marini

USE OF SOCRATIVE TESTS IN HIGHER EDUCATION: INFLUENCE ON MARKS 7309
E. Romero, J. Remón

NEURONAL NETWORKS AS EMERGING TOOLS FOR DATA FITTING IN HIGHER EDUCATION 7316
E. Romero, J. Remón

THE ROLE OF TEXT IN THE PROCESS OF TEACHING RUSSIAN AS A FOREIGN LANGUAGE 7323
I. Balandina, T. Moskvitina, L. Yuzdova, G. Shiganova, O. Pavlova, I. Salimova

THE PROCESS OF ADAPTATION OF BEGINNER ATHLETES THROUGH THE STUDY OF SPORTS TERMINOLOGY 7328
I. Balandina, L. Yuzdova, T. Moskvitina, S. Aitkulov, N. Belousova, I. Cherkasov

FORMATION OF NATIONAL IDENTITY AMONG SCHOOLCHILDREN IN THE CYCLE OF CLASSES "CONVERSATIONS ON IMPORTANT TOPICS" 7332
I. Balandina, L. Yuzdova, T. Moskvitina, A. Podobriy, N. Kozlova, A. Savchenkov

ARTIFICIAL INTELLIGENCE IN THE PROCESS OF FORMING FUNCTIONAL LITERACY AMONG SCHOOLCHILDREN 7337
I. Balandina, L. Yuzdova, T. Moskvitina, A. Podobriy, N. Kozlova, K. Zvyagin

PRO-GAME: A SIMULATOR TO DEVELOP AN UNDERSTANDING OF SINGLE MACHINE SEQUENCING PROBLEMS 7342
J.A. Palma-Mendoza, E.A. Pacheco-Velazquez, I.A. Arana-Solares, D. Salinas-Navarro

KLEVER 21: A MOBILE APPLICATION FOR COMPETENCE DEVELOPMENT IN CHALLENGE-BASED LEARNING 7351
J.A. Palma-Mendoza, I.A. Arana-Solares, C.L. Garay-Rondero, F. Franco-Herrera

EXPERIENTIAL LEARNING: INCLUSIVE VOLUNTEERING BY UNDERGRADUATE STUDENTS TO SUPPORT STROKE SURVIVORS' RETURN TO WORK 7356
S.H.S. Lo, J.P.C. Chau, K.C. Choi, M. Demers

IMPACT OF LIFE SCIENCE AND LIFE ORIENTATION TEACHERS' SOCIO-EMOTIONAL PRACTICES ON LEARNER COGNITIVE ACHIEVEMENT 7357
C. Madhanlal, M.E.M. Nakedi

COMMUNITIES OF LESSONS LEARNED AS A METHOD FOR MANAGING KNOWLEDGE IN COMPANIES 7368
L. Ortiz

SUPPORTING TEACHERS TO FOSTER STUDENT AGENCY IN PLAY-BASED LEARNING: LESSONS FROM THE TECH & PLAY INITIATIVE 7372
H. Wedajo, D. Light

SELF-MANAGEMENT EDUCATION FOR PEOPLE WITH STROKE TO PROMOTE PARTICIPATION IN DAILY ACTIVITIES 7378
S.H.S. Lo, J.P.C. Chau

INTELLIGENT TUTORING FOR PSYCHOMOTOR TASKS AT STEM EDUCATION 7379
A. Barenji

DO WE NEED TO TEACH IT? USING DISCOURSE ANALYSIS IN SECURITY-RELATED TRAINING AND EDUCATION 7385
M.L. Reit, G. Panfil

3D VIRTUAL ENVIRONMENT FOR LEARNING APPLICATIONS 7396
J.L. Bernal-Agustín, I. Bernal-González, J.S. Artal-Sevil, R. Dufo-López, J.M. Lujano-Rojas, J.M. Yusta-Loyo, J.A. Domínguez-Navarro

PEDAGOGICAL ADAPTATION FOR THE INCLUSION OF SUSTAINABILITY COMPETENCIES IN UNIVERSITY TEACHING 7404
R. Peral Orts, C. Mora-Rodriguez

TRAINING IN MANAGEMENT SKILLS FOR PEOPLE WITH DISABILITIES 7405
E. Rivo-López, M. Villanueva-Villar, A. Vaquero-García

GAMIFICATION AND DIGITAL GAMES: ALIEN VS PREDATOR. ENHANCING EFFICIENCY IN HIGHER EDUCATION LEARNING ENVIRONMENTS 7413
J.S. Artal-Sevil, J.L. Bernal-Agustín

DEVELOPING READING SKILLS THROUGH READING WORKSHOPS: BUILDING A READING COMMUNITY IN PRIMARY SCHOOLS 7424
P. Fojtíková

GROUP-BASED PREDICTION OF LEARNING ACTIVITIES FROM EEG DATA 7433
W. Tarimo, K. Mim, K. Yoezer, M. Marinis

ASSESSING STUDENT SKILLS AND WELL-BEING USING MACHINE LEARNING ALGORITHMS ON ONLINE LEARNING 7442
M.S. Salem, I.C. Nagit

PREDICTING STUDENT ACADEMIC SUCCESS USING CLOUD-BASED MACHINE LEARNING ALGORITHMS 7450
M.S. Salem

ENHANCING SCHOOL SECURITY IN THE CONTEXT OF ACTIVE SHOOTER PREPAREDNESS 7458
A. Velas, L. Mariš, K. Kampová

NOTEBOOKLM: CASE STUDY FOR GENERATING MULTIPLE CHOICE QUESTIONS FOR ASSESSMENT TESTS 7464
H.R. Pinto

EDUCATION OF HEALTHCARE PROFESSIONALS IN FERTILITY CLINICS: "EMPATHY AND EXPERTISE" 7468
M. Mitrović, J. Opsenica Kostić, I. Janković, N. Ćirović, M. Spasić Šnele, M. Guberinić

A VERSION OF THE PAST 7475
K. Hones

EFFECTIVENESS OF EDUCATION: AN ELDERLY-SPECIFIC CHEST COMPRESSION-ONLY RESUSCITATION TRAINING VIDEO 7476
D.M. Shin, H.M. Yang, C.E. Kim, Y.J. Kim

ENHANCING STUDENT ACADEMIC PERFORMANCE THROUGH FLIPPED CLASSROOM TEACHING MODEL 7480
S. Dumbadze, T. Dilaverova, G. Tkhilaishvili

EXPLORING THE POTENTIAL OF SYNCHRONOUS E-TUTORING FOR PRACTICAL STEM EDUCATION 7486
C.T. Orji, J. Perumal

DEVELOPMENT NEEDS ANALYSIS OF DIGITAL TECHNOLOGY IN STEM EDUCATION: INSIGHTS FROM RURAL AND UNDER-RESOURCED SCHOOLS 7494
C.T. Orji, J. Perumal

ASIMOV PRIZE: A JURY OF 13,000 STUDENTS, TEN YEARS OF EXPERIENCE IN PUBLIC ENGAGEMENT 7503
V. Biancalana, S. Cherubini, M. Lissia, D. Mura, P. Paolucci, C. Puggioni, M. Radici, E. Vigezzi, F. Vissani

LAST MILE MOBILITY AND EDUCATION ACCESS: THE CASE OF CUAUTEPEC, MEXICO CITY 7510
A.J. Mc Namara Valdes, R. Florencio da Silva, L.A. García Serrano, R.J. Carrasco Aquino, M.A. García de Alva Magos

EDUCATION FOR TRANSFORMING THE LAST MILE TRANSPORTATION AND MOBILITY 7518
A.J. Mc Namara Valdes, R. Florencio da Silva

EDUCATION FOR PEACE: AN EXPERIENCE FROM THE IMPLEMENTATION OF THE PEACE CHAIR IN BOGOTÁ – COLOMBIA 7525
L. García-Noguera, O. Aguirre Castro, R. Gómez Durán

A HOLISTIC APPROACH TO RURAL EDUCATION: PEDAGOGY, DIGITALIZATION, AND ENVIRONMENT IN CATALONIA 7530
M. López

THE EFFECTIVENESS OF A FULLY ONLINE ADAPTED PHYSICAL EDUCATION APPROVAL PROGRAM DELIVERED AT WESTERN MICHIGAN UNIVERSITY 7531
J. Zhang

MULTISECTORAL DIALOGUE: PATHWAYS TO SUSTAINABILITY IN THE AUTOMOTIVE AND AEROSPACE SECTORS 7537
R. Florencio da Silva, A.J. Mc Namara Valdes

SUSTAINABLE AIRPORT PLANNING: EDUCATING ENGINEERS FOR A RESPONSIBLE FUTURE 7544
R. Florencio da Silva, A.J. Mc Namara Valdes

BUILDING A DECENTRALIZED EDUCATION IN THE METAVERSE: A BIBLIOMETRIC ANALYSIS 7551
S. González-Mendes, F.E. García-Muiña, R. González-Sánchez

HARMONY OF INCLUSION: THE ROLE OF MUSIC EDUCATION IN SUPPORTING CHILDREN WITH SPECIAL EDUCATIONAL NEEDS 7559
A. Daněk

SPECIAL MUSIC EDUCATION: ADVANCING INCLUSION AND SOCIAL JUSTICE 7564
A. Daněk

AUGMENTED REALITY IN LANGUAGE LEARNING: ENHANCING COLLABORATION THROUGH GAME-BASED MOBILE APPS 7569
Y.L. Chen, C.C. Hsu, T.Y. Lan

AN INNOVATIVE FRAMEWORK FOR EVALUATING COURSE LEARNING OUTCOMES: A MODEL FOR ACCREDITATION AND CONTINUOUS IMPROVEMENT IN ENGINEERING EDUCATION 7573
S. Ahmed Ghaly, M. Khan

EXPLORING UNIVERSITY STUDENTS' PERSPECTIVES ON A WRITING STRATEGY GROUNDED IN RESEARCH 7578
A. Hussien, N. Ali, N. Kasasbeh

"B-MAT@PLICADA": COMPARING STUDENT PERCEPTIONS OF A BLENDED LEARNING MATHEMATICS COURSE OVER A DECADE OF EVOLUTION 7579
S.F. Costa

ETHNOFUTURISM AS A TOOL FOR INTERNATIONAL COOPERATION IN ART EDUCATION PROGRAMS 7588
M. Zhanguzhinova, A. Talgatbekova, A. Rustemova, S. Kiyabaeva, I. Abenova, M. Omarbekova, K. Kozhabergenova

DEVELOPING MODERN CLIL MATERIALS FOR SUSTAINABILITY 7594
H. Penny, Y. Ruiz de Zarobe

THE LAUNCH OF AN UNDERGRADUATE ACCELERATED PROGRAM: INITIAL QUANTITATIVE DATA 7595
C. Tomovic, M. Bartlett, M. Tomovic, V. Jovanovic, S. Bawab

THE DYNAMICS OF GLOBALIZATION, CULTURAL POLICY AND ARTIFICIAL INTELLIGENCE: ORGANIZATION OF CULTURAL MANAGEMENT AND ONLINE HIGHER EDUCATION COURSES 7601
K. Gantzias

USE OF VIDEOGRAPHIC MATERIAL AS A TEACHING ENHANCEMENT FOR SUBJECTS RELATED TO THE CONCENTRATION OF MINERALS AND ROCKS 7602
J. Martínez López, R. Mendoza Vílchez, M. Miró Barnés, A. Baltodano Pineda

USE OF GAMIFICATION TOOLS AS A MOTIVATION FOR THE IMPROVEMENT OF RESULTS IN MINING ENGINEERING SUBJECTS 7608
S. Martínez Martínez, R. Mendoza Vílchez, J.L. Martínez Jurado, A. Baltodano Pineda

PROTECTING INTEGRITY ENHANCING LEARNING - CREATIVE APPROACHES TO MAXIMISING AI IN LEARNING AND ASSESSMENT DESIGN 7613
A. Clegg

HOW AUTHENTIC IS AUTHENTIC ASSESSMENT? 7614
A. Clegg

WHEN EDUCATION IS NOT FOR ALL: VOICES OF MIGRANT PARENTS 7615
L. Chircop

PRE-SERVICE TEACHERS' PERCEPTIONS ON COMPETENCE DEVELOPMENT THROUGH A PROJECT-BASED LEARNING EXPERIENCE ON INCLUSION IN EDUCATION 7616
A. Cerveró Carrascosa, S. Di Sarno-García

EDUCATION IN BIOMIMETIC INNOVATION: MYCELIUM AS A BIO-BASED MATERIAL FOR SUSTAINABLE PRODUCT DESIGN 7623
A. Llorens Vargas, J. Alarcón Castro, C. Di Bartolo

UNLOCKING FUTURE SKILLS: A FRAMEWORK FOR ADAPTIVE 21ST CENTURY LEARNING 7631
F. Michel, H. Hindy, D. El Dahish

FRAMEWORK AS A PROCESS: A USER-CENTRIC CONCEPTUAL FRAMEWORK FOR GAME-BASED LEARNING 7632
J. Jonas

THE CHALLENGE OF DIGITAL TRANSFORMATION IN SCHOOLS: WHAT CAN WE LEARN FROM THE ESCOL@S DIGITAIS PROJECT? 7633
E. Cruz, E. Sousa, S. Fradão

COLLABORATIVE WORK TO CROSS SUBJECT BOUNDARIES WITH DIGITAL TECHNOLOGIES: DEVELOPING A TRAINING PLAN THROUGH ACTION RESEARCH 7642
L. Rodrigues Lourenço, E. Cruz, J. Piedade

ASSESSING THE UTILITY OF LARGE LANGUAGE MODEL SIMULATIONS FOR CLINICAL MEDICAL EDUCATION: A PILOT STUDY 7652
R. Scherr, F. Halaseh, A. Spina, S. Andalib, S. Saadat, R. Rivera, L. Halaseh

EXPLORING THE FEASIBILITY OF HOMESCHOOLING AS AN ALTERNATIVE TO MORE FORMAL, CENTRALIZED EDUCATION 7653
U. Jahn

SYSTEMATIC STAKEHOLDERS' MANAGEMENT FOR AN AI-BASED EDTECH PROJECT 7654
A. Malinina, A. Polovinkin, R. Yavorskiy

SUPPORT FOR INFORMATICS TEACHER EDUCATION 7655
R. Fojtik